

SEQUENCE LISTING

<110> Randy M. Berka
Michael W. Rey
Jeffrey R. Shuster
Sakari Kauppinen
Ib Groth Clausen
Peter Bjarke Olsen

<120> Methods For Monitoring Multiple Gene
Expression

<130> 5849.200-US

<140> To Be Assigned

<141> 2000-03-22

<150> 09/273,623

<151> 1999-03-22

<160> 7850

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 3033

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(3033)

<223> n = A,T,C or G

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 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1812)
 <223> n = A,T,C or G

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 <213> Fusarium venenatum

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 <212> DNA
 <213> Fusarium venenatum

<220>
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<211> 2401

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

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 <211> 1634
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1634)
 <223> n = A,T,C or G

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caccgagcgt	ggcgccctca	tggtcctctt	tctattggcc	ttcctactct	tcaaagctac	1380
tttctcaacc	atgatcagcg	ntggattcca	aactgccgag	gggtggacca	cgttgcgaac	1440
ctgggtggta	tgttttggct	acttntgggg	ngtcctcccc	ccaaggatct	ctccccggnt	1500
tntggacttt	atnaatacgt	atcgccatta	cttattagng	gnngcatggt	acacangagt	1560
cncaacacaa	acgtacatgt	gcggaaataa	atngtgccgt	aaccnccaaa	ggtttntttg	1620
gcnaaaacat	ggaa					1634

<210> 7
 <211> 1481
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1481)
 <223> n = A,T,C or G

```

<400> 7
caactcttct atctcccgac ctccgtctcc ttctccatca acgtctcttc ttttcccctt 60
tcccatacac acaccgtaat ccacagccat ggaggaagaa gttgctgctc tcgtcatcga 120
caatggttcg ggtatgtgca aggcgggttt cgccgggtgat gatgctcccc gagctgtttt 180
cccttccatt gtcggtcgcc cccgtcacca tggatcatg atcgggatgg gtcagaagga 240
ctcgtacgtt ggtgatgagg ctacgtccaa gcgtgggtatt ctacactgc gatacccat 300
cgagcacggt gttgttacca actgggaaga catggagaag atttggcacc acaccttcta 360
caacgagctg cgtgttgccc ccgaggagca ccccgctctg ctacccgagg ctctatcaa 420
ccccaaagtc aaccgtgaga agatgaccca gattgtcttc gagaccttca acgccccgc 480
tttctacgtc tctatccagg ccgttctgtc cctgtacgct tccggtcgta ccaccggtat 540
cgttctggac tctgggtgat gtgtcaactc cgttgttccc atttacgagg gtttcgcctt 600
tccccacgcc attgcccgtg tcgacatggc tggctcgtgat cttaccgact acctcatgaa 660
gattcttgcg gagcgcggtt acaccttctc caccaccgcc gagcgagaaa tcgtccgtga 720
cattaaggag aagctctgct acgtcgccct tgacttcgag caggagatcc agactgctgc 780
ccagagctcc aqcttqaaa aqtcttaaga gcttctgat ggtcaggta taccatcgg 840
naacgagcga ttcggtgctc ctgaggctct ctccagcctc tctgtcttg gtcttgagag 900
cgggtggatc caagtcacca ctttcaactc catcatgaag tgtgatgtcg atgtccgaaa 960
ggatctctac ggaaacattg tcatgtctgg tggtaacct atgtaccccg gtctctccga 1020
ccgtatgcag aaggagatca ctgctcttgc tccgtcttcc atgaaggta agatcattgc 1080
tcttcccgag cgaaagtact ccgtctggat ccgttgggtc cattctcgtc tccctgtcca 1140
cttccagca cattgtgata tccaagcagg agtacgacga gagcgggtcc tcaatcgttc 1200
accgcaagtg attctaagct ttcgcatcga naaattaaat cctccactc gcgcaacgac 1260
aagatcatgg aggtggcgac agacgctaac cttgggtggg ttggccagcg tcgaagtcga 1320
atctcgtatt tacgaaaagt ttttgacatg gtcgaaagag tgggcgttgc gcttattacg 1380
aagagatgtg atggccctt ttctttagt tccgtataa tgcgtgccta ggggtagaag 1440
ccgaggttga catacaata ctttttact ttccgaaaaa a 1481

```

```

<210> 8
<211> 1237
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(1237)
<223> n = A,T,C or G

```

```

<400> 8
gtcaaagcta aggetacttc agctcttgaa ctacttcggc ccattttctc ttctctttac 60
tctccatata ccacttttac atccacagcc gtcaatatgc gtgagattgt tcaccttcag 120
accggtcagt ggggtaacca aatcggtgct gntttctggc anaccatctc tggcgagcac 180
ggtctcnaca gcaatgggtg ttacagcggc acctccgagc tccagctcga gcgtatgagc 240
gtttacttca acgaggcctn tggtaaacaa tatgttcccc gtgcgctcct cgtcgatctc 300
gaacccggtt ccattggagc cgtccgtgcc ggctcccttcg gacagctttt ccgaccgcac 360
aaacttcgtt ttggtcaact cgggtgcggg aacaaactggg ccaagggtca ttacactgag 420
ggagctgaac ttgtcgacca agttctcgat gtgcctcgcc gtgaggccga gggttgtgac 480
tgccctcagg gcttccaaat caccactctt cttgggtggtg gtaccggtgc cggtatgggt 540
acctgttga tctccaagat ccgtgaggaa tttcccgacc gtatgatggc aaccttctcc 600
gtggttcttt cccctaaagt ctccgacacc gtgttcgagc cttataaaga caccctctcc 660
gtccatcaac tgggtgagaa ctccgacgag acctcttgta tcgacaacga ggccctctac 720
gacatttgca tggcgaacct caagctgtcc aacctctctt accgcgactt gaattacctt 780
gtctccgccc tcatgtccgg gtccacaaac tgtctccgtt tccccggta agctgaactc 840
tganctccga aaagctcgcc gtcaaatagg tgccttccc tcgtctgcac ttctttatgg 900
toggatttgc tcccttganc agccgtgggt ctcaactctt ccgtcgtgtc agccttccct 960
agtgaacca gaagatgttc gaccccaaga acatgatggc tgettcgac ttcgcaacg 1020
gttgttaact gaactgtctt gccatcttcc gtggcgtgtg tgccatgaag gaggttgagg 1080
accagatggc caatgtccag agcaagaact catcatactt cgtcgagtgg attcctaaca 1140
acatccagac cgtctctctg gctatcccac ctcgtagact tacaatgtct tccactttta 1200
ttggaaactc cacctctatc caggaagctt ttttttt 1237

```

<210> 9
 <211> 2197
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2197)
 <223> n = A,T,C or G

<400> 9
 aggggaatgg gccnttaaan gangctcgaa cggcgncaga aaaatnttaa natatagngg 60
 tttttttttt taaaagttca aatacaatcg attattaagc tctaacgggt tatcctttac 120
 acgcagttac cgcccccatg aaaagcaatt tgtgcctcat gaagaatgac caagcacaag 180
 atgtcgtaaa gaaaagtacg gaaaatgat gacgacagag aacgacgct ttaaaagaga 240
 aagctagtag ttttgcctca totatgttta gaagatctga gcgagggcag caacaccagc 300
 gagggcgagg acagccatgt tgatgtcgac actgcggcg gcgctgtcgt cgtcctcgtt 360
 actttgggaa gaaccagagc catcgctctc ctaccgcccgc taccaccct cgttggcctt 420
 cttgttggtg aaagtgcagc tctccttgcc gtcaatcttg ccacgcgtct tcaggtcgtc 480
 aaagtatttg cagaactcct caatatcggt agttgatgaa acgacgacac tgccgctgac 540
 ttggctcgagc ttggggagtt tgacctctc gaagctacca cggagagcaa caccaccggt 600
 aaccttctcc agcttgggga agtcgtcaat ggccagaagc ttggtgttgt tctggatagt 660
 gaaaccacca ccaatctcct cgagttagag gaaagagata ttggtgagct tcttcatgtc 720
 aatgagagag agggtttctc cgatgatagt caggttgggg gcgctgaaga actcaagcga 780
 ggggttggcg ctacgcttca agctcttggt gaacctcttg agaaggggaa ctgagaagtt 840
 cttggcgcta gagatctgaa tctcagcagc caactcaagc ttgtccatga tgatctccat 900
 agcatcggtg ccgttgctga agatcttgag ctgggaggtg atgttgacga ggtcagatcg 960
 gaaagcggtc attttctggg tgttgctgat ctggaagctc tcgacggtgg caacgctaag 1020
 accgctcagg tcgctgatga aggtatcggt aattcgaatg ctcttgatct tagtgacacc 1080
 ttcggtaccg aagttcagct ctccgagacg aggaagcttg atgaagctga ggccgctaag 1140
 gctcttgagg gtggagaact cgaggttgct gagagcctcg aggttctcaa gctggaagtt 1200
 gccatcgata gactcaatag aagtactgga gatagagatg atgtcgccac cgttcttggc 1260
 aacgaagtta cctcagatct gctcggggcc gttgataaca acagcgccgg cgaccttctt 1320
 gtcgatgatg atgtctcct tgacaactgt gcagtcgatt gtgggggtgg gctcggtaac 1380
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 ggaaagaacc ttaacggaat gcattatgac ctagtgtgta attggaaagg atcctgtgat 1500
 tgattttgtg gatggtgttt gtttaagaaa aaaaaacttg atggtttctc ggccaacgat 1560
 ggagatatgc aacaggggat agtatagatt gatattcctg gaattaggtg taaaaagtct 1620
 ggcgtatgga cgaaaagtca caatgaagcc tgacaggaaa cgagtggcgt gaagagaaaa 1680
 agggacgaga atattacca caatgagagg aagtcaatca caggatcctt tccaattaca 1740
 aactaggtca taatgcattc cgttaaggtt ctttcggcca ttgcggcact cgggtgtctc 1800
 gcggtctcgg ccgctacctg caccagcgac gtcaaggtta ccgagccac cccacaatc 1860
 gactgcacag ttgtcaaggg agacatcatc atcgacaaga aggtcgccgg cgtgttgtt 1920
 atcaacggcc ccgagcagat cgagggtaac ttctgtgcca anaacggngg cgacatcatc 1980
 tctatctcca gtacttntat tgagtctatc gatggcaact tccagcttga gaacctngag 2040
 gctctaacaa cctcgagttc tcccccttaa aagccttacg gcctcagctt nattaaactt 2100
 tctcgtctng ganagctgaa cttegnaccg aagnggcact taaancaaga gctttcgaat 2160
 taccgatcct ttattaacga cctgggcggt ntacgct 2197

<210> 10
 <211> 1086
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1086)
 <223> n = A,T,C or G

```

<400> 10
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caccgctggt ggttaccatg ttccgtgctca gttgagaaaa tctggacgcg tgatcgcttc 120
tgaaagtctc cgcgaaatcc caatgntgac cgttcttggt gggtgaaact gtacacgagg 180
caccagccct ctgaaagcaa accgcgatgt caccaagcat ggccctctga ctggtgtcgg 240
agtcaactac gacctgatcg ccaatctttt ccgcggagct caactcgcct tcatcaacac 300
cactttttac ggcgacgaga tgccattgga aaagcccttg ccgatgccgc caagcgcgcc 360
ggnaatccag cactatgtct actcatcgat gcccgaccat gctgcctatg ataccaagtn 420
ggccctcgct gcctcttttg gccgccaagc atgaagtcga gcagtatgtg cgcaaaattg 480
agaatgccct gccactttgt nttacactgg gcatttacia caacaacttc acctctcttc 540
aatacccctt cttctgtatg gagnttgca gaggacggct ccttttagat gcaagcgcct 600
ttccatcctg atgccaagct accttggcta gatgctgagc acgacgtcgg tcttcagatt 660
ctccaaatth tcaaggacgg ccttgccaag tggaaacggag agcgtatcgc acttgcatac 720
gagtacttga ccccaaagga ggtgtgtcgc cttttctcca agggagtggg tcgtcctgtg 780
cgctatgttc atgggcccac cgagggtgaan gtccgcaccc cagaangtta ccgcgaacag 840
ctcgtgggtc ttgagcaact ctacgaaccc aaccgaaagg atcctagaaa gcagcgcctt 900
taactcggag atccaaaggt tgaactaagg tgcccaagcg aactctggaa ctatgggaag 960
gtcccgaaagc attgaanant acccagggag atgtttccta tagaagaaga accaacggnc 1020
tgacatggat gttggaagat gaatccagcg acaacaaaga agtgcaacac cagcacactc 1080
ggtcga 1086

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```

<210> 11
<211> 1463
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(1463)
<223> n = A,T,C or G

```

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<400> 11
cgccgagctt ctgcccagga agattgagca ggtcaaggcc ctccgaaagg agcatgggtc 60
caagggtatt gacaaggtea ctcttgacca ggtctacggt ggtgcccgtg gcatcaaggc 120
cctcgtttgg gaggggttcg tcttcgactc tgaggagggt atccgattcc gtggcaagac 180
catccccagag tgccaggagc ttctcccaa ggctcccgtg ggcaaggagc ccttctctga 240
gggtctcttc tggtctctcc tgaccggtga ggtccctact gagcagcagg tccgcgacct 300
ctccgctgag tgggctgccc gtcocgatct ccccaagttc gtccaggagc tcatcgacca 360
ctgcctaccc acctccaccc catggctcag ttctcctggc cgttactgct ctcgagcaca 420
cctccagctt cgcgaaggcc tacgccaagg gtatcaacaa gaaggagtac tggggctaca 480
cctttgagga ctccatggac ctcatgtcta agctcccaa catcgcttct cgtatctacc 540
anaacgtctt caagggcgga aagggtgctc ccattccaga ggacaaggat tactccttca 600
acttcgcaaa ccagcttggc ttccgcgaca accgcgactt cgtccagctc atgcgtcttt 660
acctgacctt ccacaccgac caccaggggt gcaacgtttc tgcccatacc actcaccttg 720
tcggctctgc tctcagctcc ccttctctct ctctgcgcg tggtcttaac ggtcttgccg 780
gtccctctca cggctcttgc aaccaggagg tctttaactg gctcaccgag ttcaagaagt 840
ctggttgaga tgaccttagc gacaaggcca tcaactgacta cctctggctc acctcaacg 900
ccggccgtgt cgtccccggt tacggtcacg ccgttctccg aaagaccgac ccccgttaca 960
tggctcagcg cactttcgtt caagagaaga tgcccaacga ccccatgttc aagctcgtct 1020
ctcagggtta caagatcgcc cctgggtgtc tcaccgagca cggcaagacc aagaacctct 1080
accccaacgt tgacgcccac tccggtgtcc tctccagta ctacggtctc actgaggcta 1140
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ttgaccgcgc tctcgggtgc cccatcgagc gacccaagtc tttctcactg acaagtgggc 1260
tgagctcgtc aaagaactgt naacgattta gaagcaaaag ggaaaaagaa ngtgatggga 1320
nngggtctgc naagaaatgg acagaatgga tgccgagtca atggcatttg tacaacacaa 1380
tgggactggt ttaagttaat aatgacaaat cgtcgttgac gccgattgga atgaaatgat 1440
ttgnacagtt aatctgcaat ttt 1463

```

```

<210> 12
<211> 1384

```

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1384)
 <223> n = A,T,C or G

<400> 12

ctcaaaccac	acagcccgcg	caagatgagt	cacagaaagt	acgaggctcc	cagacatggc	60
tccctggctt	acctgcccgc	caagcggggt	gccagacatc	gtggaaaggt	caagtctttc	120
cccaaggacg	accccaagaa	gcccgtccac	ctgactgccg	ccatgggtta	caaggccggt	180
atgaccacca	tgcgtccgcg	cctcgatcga	cctggcgcga	aggccaacaa	gaaggaaagtc	240
gttgaggctg	tttcaatcgt	tgatactcca	cctatgatcg	ttgttggtct	ggttggctac	300
atcgagactc	cccagggcct	gcgatccctc	accacgcgtt	gggctgagca	tctgagcgac	360
gagctcaagc	gcccatttct	caagaactgg	tacaagtcca	agaagaaggc	tttcaccaag	420
taagccaaga	agcaactcga	gaacagcggg	gcttccatca	cccgcgagct	tgagcgcctc	480
aagaagtact	gcaccgtcgt	ccgtgtcctc	gcccacaccc	agatccgaaa	gactcctctc	540
aagcagaaga	aggtccacct	gatggagatc	caagtcaacg	gcggctctat	cgccgacaag	600
gtttccttcg	gccaggagct	cttcgagaag	cccgtcgatg	tctccagcat	cttcgagcag	660
gacgagatga	ttgacgtcat	tgccgtcacc	aagggtcatg	gtttcgaagg	tgtaactgcc	720
cgttggggga	ccaagaagct	tcctcgcaag	actcacaagg	gtctccgaaa	ggtcgcttgt	780
atcgggtgct	ggcatccttc	ccacgtccag	tggactgttg	cccgtgccgg	tcagagaggt	840
taccaccacc	gaacctcggg	taaccacaag	atctaccgca	ttggtaaggg	tgacgctgac	900
gacaacgcgc	ccactgagat	cgatgtcacc	aanaaaacca	ttacacctct	tggttggtttc	960
gtccgctacn	gtgagatcaa	naacgacttc	ntcatggcca	agggctctat	ccctggtaca	1020
agaagcgtgt	catgacctcc	gaaagaccat	gttccccccg	acctcccgaa	aggccctcga	1080
gaaggtcagc	ctcaagtggg	tcgacacctc	gtccgagttt	ggacacgggt	ctttccagac	1140
ccctgcccgag	aagaagcagt	accagggtac	tctcaagaag	gaccttgccct	ccgcttaaag	1200
cggcagcttg	tttcttttcg	tgtottaacc	aatcattcca	ttgcctcggt	gtcaaagggt	1260
ggttcggttac	gccttgcggt	tgggctgggt	cagggtatgaa	ctggcatgga	gcataaaaaa	1320
aagtccagct	aggagaggga	tagtgatcaa	aaattctaac	gagattccaa	tttaaaatta	1380
ttaa						1384

<210> 13
 <211> 1852
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1852)
 <223> n = A,T,C or G

<400> 13

cgagaggaca	cctgggaggg	tgatgaggcc	acttactacg	gtgggtgagga	tacctggctc	60
ggaaacgacg	tccgttactc	caacygaagc	aagggaacca	ccaagcctgg	tgccaccgac	120
toggatcagc	ccgcgaacac	tgattatcac	aaccgagatc	tcgagaagcc	tttggctgct	180
gtctaccacg	gtctcatcta	tgtaaacctt	gagggtcctg	atggtaacct	cgaccccgct	240
gttgccgcgc	gtgacatccg	cgagacattc	ggccgcgatgg	ccatgaacga	cgaaaagacc	300
gttgcctctga	ttgctgggtg	tcacacccgt	gggaagaccc	acggagctgg	ctcaaccgac	360
caagtcgggc	ccgagcccgga	agccgpcgac	cttgcccagc	agggctctgg	ctgggtccaa	420
agctacaaga	cggaaagggt	ccgacacaac	ccatcttggt	attgaagtca	catggacaag	480
cactcccgct	aagtggancc	atgactacct	caagtaacta	tggctccact	ttgagtggga	540
gcttacaaaq	aaacctgctg	gcgctcacca	atgggttgct	aaggatgccq	ccgctaccct	600
ccctgatgac	tatgactcca	gcaagaagca	caggcctaga	atgttgacca	ccgacttgct	660
gcttgccttc	gatcctgagt	acgagaagat	ctctcgtcgt	ttccttgaga	acccccagga	720
gtttaacgat	gccttcgcca	aggcttggtt	caagctcact	caccgtgaca	tgggtccccg	780
cgaccgttac	ctcgcccccg	aggcccccaa	ggagatcttc	aactggcaag	accccgctcc	840
cgagcgtgac	tacaagctcg	tcgacgacgg	tgacatctct	gctatcaaga	acgaqatcct	900

caagtctggc	attgacgtct	ccaagctcgt	ctctactgct	tgggcttctg	cttctacttt	960
ccgaggcagt	gatctccgcg	gtggtgccaa	cggtgctcgt	ctccgtcttg	agccccagaa	1020
gaactgggag	gtcaacaacc	cctctcaatt	gggccagggt	ctcaacggcc	ttgagaagat	1080
ccagaagaac	ttcaatgaat	cccagtcag	cggaaggcc	atctctctgg	ctgatgtgat	1140
cgtccttgct	ggttccgctg	ccgtcgagaa	ggctgctaag	gatgccggtg	tcaacgtcac	1200
cgtgcccttc	actcctggcc	gcaccgacgc	cacccaggaa	cagactgatg	ttaaagtctgt	1260
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caagctcgag	cacatgctca	ttgaccgtgc	tcagcttctc	actctcagcg	tccccgagat	1380
caccgctctt	gttggtggtc	ttcgtgcgct	caacaccaac	tgggatggat	catccacagg	1440
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caacaccgag	tgggaagcctg	tggcaacagg	cgacctgttc	gaaggatttg	accgcaagag	1560
cggcaacaag	aagtggaccg	gtaccccgct	cgatctcgct	tttggatcgc	acgctgagct	1620
ccgcgcgaca	gctgagactt	atgctgaggc	tggcggtagg	gagaagctgg	ttcgcgactt	1680
tgtcgtgctt	tggaaccaag	tgatgaacct	ggaccgattt	gatgttaaga	atggtaaatgc	1740
gcctaattgtc	tctcctcgac	tgtaatttta	tgaatagcaa	tgtagcaaaa	tacctttgag	1800
aatgaaatga	ttacgaatct	gaattgaaaa	aaaaaaaaaa	ntttaaaaatc	ct	1852

<210> 14
 <211> 1710
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1710)
 <223> n = A,T,C or G

ccacaactct	catctttctct	ttcatataaa	tctctcacc	tttgataccc	caataccccc	450
ctctctttat	atcacataac	atactatata	caatggctct	caccgtcgag	ctgtccactc	120
ctgttacttg	tacctaaccag	cagccatttg	gcctcttcat	cggcggcaag	tgggttgagg	180
gtgtcgacaa	gggaaaattt	gaagttatca	acccctccac	cgaggagggtc	atcacctccg	240
tctgcgaggg	taccgaaaag	gatategacc	tggctgtcac	cgtgccccgc	aaggctttcg	300
atggcgagtg	gaagcagact	actccccagg	ctcgaggcaa	cctcctcttc	aagcttgccg	360
acctcgccga	gaagaacctc	gacctctctg	ccgctgttga	gtctctcgac	aacggaaagt	420
ccatcaccaa	cgtcgtggc	gatgtcggtg	ctgttgttgg	ctgccttcga	tactacgggtg	480
gttgggcccga	caagattgag	ggcaagacca	tcgatattgc	ccccgagatg	ttccactaca	540
cccgatccga	gcctatcggt	gtctgcggtc	agattatccc	ctggaaacttc	ccccttctca	600
tgtgtggcatg	gaagatttga	cctgctctgg	ccactggtaa	cactatcgtc	atgaaaactg	660
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tcgaagctqta	ctaaacatan	caaagcgaat	tgtggggact	tgggaahgan	atattggggcg	1620
cgtttgtaact	gcattgancaa	tctgtatatg	attccacttt	attttacgta	tttgatgaaa	1680
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<210> 15
 <211> 1253

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (1253)
 <223> n = A,T,C or G

<400> 15
 cacaaactac atcgaaaaac acttttaaaga aacccaagat aacttcaa at cactctcaaa 60
 cctggtcacc aaacatgtct ccccttgctg ccattctccc cacttcccgc tctgctgagc 120
 ttgctacctc taccaccaag ctccctgtcc acgcgggcaa gaacgttaac accaagacca 180
 ttgaggaaat gctcggtaac tgggatgact tcaagttcgc tcccatccga gagagtcagg 240
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 ttgtcatcat cggcgctgga tcttgccggtc tgagcgctgc ctacgtcttg ggcaagaagc 360
 gacccgactc caagattgct atcatcgagg ctccagtgtc tcttgccggt ggtgcttggc 420
 tggcgggaca actcttctct gccatgatca tgcgcaagcc cgctgatgct tctctccgtg 480
 agatcggcgt tccctacgag gacgagggtc attacgtggt tgtcaagcac gctgccctct 540
 tcacctctac catcatgtcc aagggttcttc agatgcccaa catcaagctg ttcaacgcc 600
 cttgtgtcga ggatctcatt actcgacctt ctgacgaggg tgttcgcatt gctgggtgtc 660
 tcaccaactg gactcttgct tcgatgcacc acgatgacca gtcttgcatg gaccccaaca 720
 ccatcaacgc tcccgctganc atctccacca ctggccacga tggccccatg ggcgctttct 780
 gcgtcaagcg tcttgtttagc atgcagcgca ttgagaagct cgggtggtatg cgtggctctg 840
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 gacacatcga ataaggctcc agaacctcgt ctctcattcg ggttggtggaa acttgctcatt 1140
 cttttgaact attgttgact tgttcaagca tgaagaatat gtgaaccaag cttgaaagtc 1200
 aatttacagt taaacaaaat tgaataaaat aagtcattgc tttctgtatt cat 1253

<210> 16
 <211> 2504
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (2504)
 <223> n = A,T,C or G

<400> 16
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 ggtcgaggac atcactttgt ccacttggtt ttgtctttga gtgcangta gacacaattt 120
 ccgagctttg ccggtttcgt catcatgaag tccgtctcca ctctctccgt ggccgctgtc 180
 gccagcgtcg cctctttcag cgtcgccacc gtccacgaca aggcgcgtcc catctcagc 240
 tccatcgaag ccgagaccat ccagactcg tacatcatca agttcaagga ccacgtcgat 300
 gacgctgctg cctccaacca ccacatgtgg gtccaggaca cccacaccaa cggcgagtct 360
 gagcgctgg agctgcgaaa genatctctc attcccttca cagacaagac attctctggc 420
 ttgaagcaca cctttgacat ttgtgaggcc ttcaagggct angcgggcca ctttgacgag 480
 tccatgatcg agaaggctcg aaaccacct gaagtcgagt acatcgagcg cgacactctt 540
 gtccacacca tggccctgt ctccaacaag gacatgatca ctgaggacaa gtgcgaaggg 600
 gagaccgagc gatcagctcc ttggggctct gcccggtgtc cccaccgtaa caccctcaac 660
 ttccgtacct tcaacaagta cctctactcc tccgatgggt gtgaggggtg tgatgcctac 720
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 aagaccattc ctcccgga cgcgagcgag gatggcaacg gtcacggtac tcaactgtct 840
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 ggtctgtcg ccaacatgtc ccttggtggt ggcaaggacc angctctcga tgcctgncgc 1080

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ctgaacatta	tgtccacctg	gatcggtaac	aagtacgccg	tcaacaccat	ctctggtacc	1320
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ganggactcc	gagtaccgct	cttgcttttc	atcaccccca	agaagctcaa	nggagaacct	1440
catctccgtt	gccaccgaga	acgcccttcc	cgatattccc	tccgacaccc	ccaacctgct	1500
cgccctggaac	ggtgggtggc	gcagcgacta	caagaagatc	gtcgaagctg	gtagctacaa	1560
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gggttcatnc	ggtataacgg	ccgatgggaa	tttgteacct	tggccttcac	cagcaaagat	1860
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aacgactgtc	accttcactt	catccttgcc	taggggtccc	ttgcgcataag	cntctgcatc	1980
tttgagagaa	atcttctgga	tgatgggaag	cttggttcagg	ccagtgcctg	ccgcaggagc	2040
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aacattgaaa	gacttctgat	caatgacctg	agccgtggag	ggaagtttgg	cagcggcaac	2340
gccacaaatc	ccgacaacaa	gggcagcaat	ggtggaaggc	atggcgcaatg	aggtagaagt	2400
gaaactgagt	ggtgtggggg	ccaagctgca	gaacgaagga	ggatggtcag	gctgtactaa	2460
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<210> 17

<211> 1227

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1227)

<223> n = A,T,C or G

<400> 17

gctttctctt	cctcctctct	agccaagtca	ttgttgtaaa	agccttgcc	ggcctgttct	60
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catacttgta	aatcaacaac	atctgcaaac	atgcgtgagg	tcattagcat	caacgtcgga	180
caggctgggt	gccaaatcgc	caactcttgt	tgggaacttt	actgcctcga	gcacgggtac	240
cagcctgatg	gttaacctac	cgaggagcgc	aaggcgcagg	accccgatca	gggatttagc	300
acattcttct	cagagactgg	caacggaaaag	catgtccccc	gagccatcta	ctgcgatttg	360
gagcccaatg	togtogatga	ggttcgcacc	ggtccttacc	gtaacctctt	ccaccccgag	420
atgatgatca	ctggcaagga	ggacgcttcc	aacaactatg	ctcgtggtea	ctacactgtc	480
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gtttaccctg	ttcttnagac	cgccacctna	gtcgtngagc	cctacaactt	tattcttacc	720
acacacacaa	ctcttgagca	ctccgactgn	tctttatggn	cgacaacgan	ggcattttacg	780
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catggccact	tgtctgtctg	acggnggtga	ctctcccaac	aagccacccg	ccgtgtctac	1140
ttaanacaag	gaacancatt	cgtgacgggtg	cctatggttc	aactggttcg	tacagccaga	1200
aantccaagg	gactencaag	tagcggc				1227

<210> 18

<211> 941

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(941)
<223> n = A,T,C or G

<400> 18
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ccttcgaggg gacgagcgac gcccacaact gactgttctt accgaagccc atgtctcaaa 120
ggtcattggt gagaacgatg togtacggg catcaacatc accctcaagt ctggcgaaaa 180
gcacactctc catgtctgca aggagactat tctgtgcgcc ggtgcggcga tacaccana 240
ctctctctca ctctggtatt ggccccaagg ctcanctcga gtttttcaac atcccccggt 300
gcaaaaggaca tctggtggtt ggcgaaaacc tnttggatca ccccgagacc atnatnatgt 360
gggagctgaa caagggcgtc cntgcaaac aaaccactat ggactctgat gctggtatct 420
tctctcgacg ggagcctaag aatgctgcgc gcaacgacgg tgatgctgcc gatgtcatga 480
tgcactgcta ccaaatctt tccacctca acacagagcg tcttggatac cccaagatta 540
aggatggtta cgttttctgc atgacaccca acattctctg cctcgtcttc gtggccgtat 600
ctttttgacc tggcgcgacc ctactgtcaa gccttccctc gacttccgct acttcaccga 660
ccccgagggt tacgatgcgg ctactcttgt tcacgggtatc aaggctgctc gtaagatcgc 720
cagcagagcc ccttcaagga gtggtcgaag caggaggncg ccttggcccc aagattcaaa 780
cccgatgagg agaatagcga gtacgcccgt cgtgtcgtc acaccgtcta caccctggcg 840
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gtccggggat naacaacttc gaatggtgag ctggnatttc n 941

<210> 19
<211> 1727
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1727)
<223> n = A,T,C or G

<400> 19
cagatcaaca tcaactgctat caccaacatg cttactcaag tcttttatgg cttggtagcc 60
agtgcctttt ggcaaggcca agtcgttgca tcaccaagca aggacaattc actggagcgc 120
ttcattgaca aacaagctga tattttctatc aagggtgtcc ttgctaatat tggcgtgat 180
ggaaaaaggg cacaggggtg agcgcctggt gctgttgtgg caagtccatc gaaagaagat 240
cctgattatt ggtacacttg gactcgtgac tctgctttaa cgtacaaaagt gctcgttgag 300
agattcctcc acggcgacaa atctctccaa cgaaaagatag atgaatatgt ctccgcacaa 360
gcgaaactgc aagggaaccac aaatccatcg ggcagcccag aatcggggcgg tctcggcgag 420
ccaaagttcc atgtgaatct cactgctttc actggatctt ggggtcggcc tcagcgcgac 480
ggcctccgc ttcgggctac cgccttgact ctgtatgcag aatggctcat tcccacggc 540
gaaagatcca aggttttgaa caaagtctgg ccagtcacg aaaaggaact tgcgtatact 600
accaagttct ggaatcgcac tggtatgat ctatgggagg aggttaatgg atcttctttc 660
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tcaactggag ccccaagtc cgtgtttcac ctacactggt cctacgcgc ctttgtcgcc 1380

acaactgaac	gtcgcgacgg	catcatctct	ccctcctggg	gcgaaagcag	cgccaacaag	1440
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aacgtgcaag	tttcatccga	ccaaaaaggt	tacgtgggtg	gctcagtgc	tgacctttct	1560
aactggtcac	ctgatgatgg	cattgcgctt	acgccatcta	gttccggagt	gtggaacgct	1620
aaagggttaag	attccttctg	atccagcttt	gagtacaagt	atattaagaa	gactagcagt	1680
ggggatgtta	ctgggtgagt	gatcccaaca	acccggctat	tacnggt		1727

<210> 20
 <211> 887
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 20						
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ggaaattctg	ggaaagcctg	acaaggaggt	gacccctggat	gttaagatgg	ataacttgaa	180
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gctctacacg	gcactcagtg	cagggaagga	cgccgaagac	cctactgtat	acggaactta	300
tacacactct	atggtcctca	agaagaacga	gattgttcag	cttggtgtaa	ataaccttga	360
ctcgggtcgt	catcctttcc	atcttcacgg	tcatgcattc	cagtctgtct	atcgatccga	420
ggaagagctg	gtatttgggc	cgataccaat	gtcacagaca	angatctgcc	aaaaaccccc	480
atgcgacgtg	atactctagt	tatatacccc	aacggtaaca	ttgtcatgcg	tttcaaggca	540
gataaccan	gtgtctggct	gttccactgt	cacattgagt	ggcacgttat	ctctgggtctt	600
atcgctaact	tcgtagaaaa	ccccttacct	tccaagaaac	cattgagatc	ccaagaacca	660
ccttgatgca	tgcgctgccc	ccgatatgcc	taccaaggga	aacctgctgc	caacacagaa	720
gantttctcg	atcttactgg	cgaaaaaaaa	cctgccaaagt	tttgctctgn	tttaacttgc	780
ggttnngcct	cttttactga	ttgnggattt	tcgggggctn	tgccatggac	ggttttttgcc	840
aattgattna	caggccgngc	cttataccgg	ntgtnaaaac	aatcgga		887

<210> 21
 <211> 1217
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1217)
 <223> n = A,T,C or G

<400> 21						
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gggaaccctc	gagggccaca	atggctgggt	cactagcctg	gctacctcca	tggaagaacc	120
taacatgctc	ctgtctgctt	cccgagacaa	gaccttgatc	atctggaacc	tcaccccgca	180
tgagacccag	tacggttacc	ccaagcgatc	tctccacggc	cactctcaca	tcgtctccga	240
ctgtgttata	ctttctgacg	gtgcctaacg	ctgtctgccc	ctttgggaca	agactctgcy	300
tccttggggag	cttgctactg	gtaccaccac	tcgacgatcc	gtcggccaca	ccaaocgacgt	360
ccctctccgto	agcttctctg	ccgacaaccg	ccagatcggt	tcgggttctc	gtgaccgaac	420
catcaagctc	tggaacaccc	tcgggtgactg	caagtaacac	atcaccgata	agggccacac	480
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tgagctcaag	cccgagttcc	ccgctgtcgg	caaaaaaage	cgggagcctg	agtgtgtcaa	900

cttggcttgg	tctgctgatg	gccaanaccct	gttcgctggt	tacactgaca	acatcatccg	960
tgcctggggg	gtcatgtcga	gggcataaat	tgctctaccc	tgtaaaaaaa	aggcgtgggt	1020
acgaaggcga	gcggaagaag	gtagatcatt	ggtggggcgt	caattggntg	gcttncttcg	1080
nttggctctt	attgatgcaa	aggaaggggg	gcgattacaa	atctgacgag	ggcataacgc	1140
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aaagaactcg	agtttttc					1217

<210> 22
 <211> 1654
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (1654)
 <223> n = A,T,C or G

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caaccatcaa	caatgacgtc	caaggaggaa	aagggtcgaca	tcggcactca	cacgccgccg	120
tcgcacgatg	tcgcgcccgg	acaccagaag	gatgtcttca	ctggcgacat	tgagggcggt	180
cgcgaagact	ttcgcgagga	tgactttatg	acccgtaacg	gtctcaacct	caagtccttc	240
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ctccacatga	ttgccattgg	aggttctatc	ggtgctgggt	tctttgtcgg	ttccgggtgg	360
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atcttcaacg	tttccacnct	cttgggtgagc	ttgctgttat	gtaccccgtc	tctgggtggt	480
tctataccta	ctctactcgc	ttcatcgatc	cttcttgggg	tttcgccatg	ggttggaact	540
acntcttcca	atgggtcatt	gtcttaccac	tcgagttaac	cgtcgccctc	ttcacccgtc	600
aatactggaa	tccaaacatt	aatgaagccg	tttggatcac	agtcttctgg	ttgttcatca	660
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<210> 23
 <211> 2468
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (2468)
 <223> n = A,T,C or G

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aaactatata	tcacattaca	catthcagta	agatgggtcaa	ggctgttggt	gctggcgcc	120

ctggtggcat	tggccagccc	ctctctctcc	ttctcaagac	ttctctctac	attgacgagc	180
tgcacctgta	cgatgtcgtc	aacacccccg	gtgtcgtctac	cgatctctct	cacatctcct	240
cccgcgccaa	gaccactggc	taccttcccc	ccaacgatgg	cgctaagggt	gccttcaaagg	300
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gctccccagg	ccaaagcata	gggtgtgtata	tagggcatta	aaggtatacg	agttggagtc	2340
tagagctctg	ccacagtcac	tacgatctcg	gaggaaaacta	taaggacaat	catttaattg	2400
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aaaaaaaa						2468

<210> 24

<211> 809

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 24

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accgataatg	ggtgaaataa	tcaatgccaa	atatecttca	gtagtaaata	cctttggtag	120
tgggtcagggt	tgtcttggtg	atcctttttaa	gtcaaaaccaa	tcatttcgaat	gacctgcagc	180
attaccaaact	acgggaatat	caggggcttt	gcataatctc	agatagttct	cattaagctt	240
ttcccttttc	tgaagtaaaa	cgggtgcctc	aataaaagacc	gaagccaaac	cttggttgtaa	300
gtgccaatct	acatgacaat	ggaaataacca	gacaccaggg	ttgtcagctc	taaatctcag	360
gacaacatgt	ccactagggt	caagaaccac	tgtatctctc	accatcggcc	tctcagggaa	420
cggttgtaat	ggcgcagatt	cgttataagg	gacggtcatt	tcactcttgc	cagattcgtc	480

ataagcttca	tcaacatgga	accctggcga	cttttggact	atttggaat	tatgaccctg	540
gcaaatggaa	tggatgtctg	ccacaatcat	aaatgtttaa	gaacaacctc	tatgatatca	600
ttatggttca	ataactgcgc	attgatatta	tcaccataaa	ttctaaggat	ctgacgcaag	660
cttttctgan	ggaaagcaac	gttgtcnaaa	gtaggccctt	ttggtgggga	cgtaagggtga	720
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aaaatttggg	ngggcataan	gggcaantn				809

<210> 25
 <211> 1063
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)..(1063)
 <223> n = A,T,C or G

<400> 25						
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tgccgctgct	ctcgctctctc	agtctgctgg	tgccactggg	cacttcaactg	aggttctcaa	180
cggaaattgga	accatttttac	ttgttcttgg	tggtgccact	ctcttgatcg	tttgggtctc	240
ttccttctac	agatctaacg	gcacgtttga	cactctccgt	ttcactcttg	ccattaccat	300
tgtegggtgc	cctgtcggtc	ttcccgtgtg	cgtcactacc	accatggctg	tcggtgccgc	360
ctacctcgcc	aagaaacaag	ccatcgccca	gaagctctcc	gccatcgaat	cccttgctgg	420
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tcttcatcaa	aatgcttact	ggtgaacccg	cggatttgcc	gtgaaacttn	tngtcagctc	1020
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<210> 26
 <211> 1155
 <212> DNA
 <213> Fusarium venenatum

<400> 26						
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cgctcgtcga	gaattctcca	gcagcgtggg	taccttggtg	gctatgaact	ggtgaatggg	120
gtcaacgaat	gctccctctc	tgaaagaaag	gctgaatacc	ggcattgctg	tcgaggggtc	180
ctccgatgcc	gcccgatctg	cctccgatat	cgtcttccct	gctcctggct	taggggcat	240
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ccgtatcgct	ctctctctgc	acatggagat	tttccctggg	ctctggatcg	ccatccctaa	360
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gcagaaccag	aagcagcgat	ccctcgagga	tttcgtgtgc	tcctctcagc	gtgtctctac	960
ccagcacgag	aagtctcagt	aaacagatgg	tatataccgg	gaccaccatc	gaccqgaact	1020

tcacttttgc	tacgtccaaa	tttgacctgt	aatactcaca	cccgagtact	gagactcctg	1080
gagtagttga	ggaatctttc	ataccocctag	atcgctctatt	agacacttaa	taatacaaaag	1140
taaaataata	ttttg					1155

<210> 27
 <211> 1322
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1322)
 <223> n = A,T,C or G

<400> 27						
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cttgggcatg	ccccattcgc	tcgctgactt	cctcatgggt	ggtgtctccg	ccgctgtctc	180
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cttccctacc	caggccctga	acttcgcttt	ccgtgacaag	ttcaagaaga	tggtcggcta	420
caagaaggac	aaggatggct	acgccatgtg	gatggctcgt	aaccttgctt	ccgggtgggc	480
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aa						1322

<210> 28
 <211> 1142
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1142)
 <223> n = A,T,C or G

<400> 28						
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ctttcacccg	tgccctccac	ggcgagtggg	tccgcgacaa	tggaagcac	tctctcgtca	180
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ctgggttccct	gaagcttttc	ttggcccagc	accgtgaggt	tgctgctttc	gcccagttcg	600

gttccgattt	ggatgctgct	accaagcaga	ccctcaaccg	tggtgagcgt	cttaccgagc	660
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tcgagggggt	gcgcctggat	ggagcgacgg	gaatgagttg	agggagattc	gcccgtcgta	1080
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ga						1142

<210> 29

<211> 2298

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(2298)

<223> n = A,T,C or G

<400> 29

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cggatctgat	ttgggtacca	cgtactcttg	cgtgggtatc	ttccgtgagg	atcgatgtga	180
tatcatcgcc	aacgaccagg	gtaaccgaac	tacccctcca	ttcgtcgggt	tcaccgacac	240
cgagcgtctg	attgggtgatg	ccgccaaaaa	ccaggctcgcc	atgaaccccc	agaacaccgt	300
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gaagcaacttn	ccttttcaaat	nategacaan	gncggcaagc	ccctnatcga	ggtngagtgc	420
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2298

<210> 30
<211> 994
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(994)
<223> n = A,T,C or G

<400> 30
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cacgcgcctg tctcgatcca ggatgagccc gagtacctc atcgaggcat tcttctcgat 120
gttcgccgta gcttttttga agtcaagcac atcaagcgca caatcgacgc catgtctgtg 180
agcaagotga atcgcttcca ccttcaacat actgactcgc agtccctggcc tctcgagatc 240
ccagccctac ccaaaactggc cgaaaagggt gcataccgca aaggcctgac ctactctcct 300
gaggatcttg ccggtattta tgagtatggt atccaccgcg gagtccagggt catcatggag 360
attgacatgc ccggccatat cgggtgtcgtt gagcttgccat ataaggatct cattgtcgcg 420
tacaatgaga agccttatca atggtggtgt aaggagccac cctgtggtgc gttccgcctg 480
aacagctctg atgtttatga ctttctcgac actctttttg atgacctctt ccctcgcat 540
tccaagtaca gtccttactt ccaccttggg ggagacgagc tcaaccacaa cgattccaga 600
cttgaccctg atgtgcgcct taacgaaacc gaagttcttg ccctctttt gcaaaagttc 660
gtcgattaca ctcacggcaa ggttcgagat gccggcatga ctccgttcgt ctgggaggag 720
atgattaccg aatggaacat gactctgggt aaagacgttg tgattcanc ctggctcggg 780
ggcggtgcta tcaaaacctg gctgaggctg gtcacaaggn aatcgatagt gattacnact 840
tctggtacct tgactggggg ccgtggacag nggntaactt tgacaaccgg cgatcctttc 900
aaacatacta cccctttaac gactggngcg gnetacaaa actggngggg tatttactcc 960
acgaatcttg ggccgctat ccaggaacaa ccaa 994

<210> 31
<211> 1124
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(1124)
<223> n = A,T,C or G

<400> 31
ggccaatata tcaccggcga agattactga ggagcagoga ttcgatatta tccgaaatgc 60
ctgcctgggt ggtgggtgctt gtgggtggcat gtacactgcc aacaccatgg ctactgccat 120
tgagactttg ggacttaccc ttcttggtag cagcagcagc cctgctgagg accccagtaa 180
ggtcgccgag tgtgaggctg ttggacctgc tatecgcaac attctcaagg aggatatccg 240
acctcgtgac atcatgactc gtcaagcctt tgagaatgcc atgatcgtea ccaccatcct 300
tgggtggcagc accaacgctg tcttgacctt tatcgccatt gctgactctg tcggtatcaa 360
actcgacatt gaggacttcc aaaaggtttc cgacccgact cctttccttg ccgacctgaa 420
gcctccgga aagtgggtca tggcagatct gacacagatt ggtggtaact ctgctcttct 480
caagttcctc ctgaangaag gcattattga cgtctgtgta ttactgtcct ggtaaaacca 540
tgaagcagaa cgtcgaggac ttgctgggat tccccgagga ccaaacatt attcgcccc 600
tgagcaaccc tatcaagcct accggccaca tccagattct tgcggggtcg ctggcccttg 660
gtggctgtgt tggtaagatt actggcaagg agggctctcc attcgagggt aaggctcgtg 720
tctacgactc cgancccgcc ttcatctcta gacttgaggg tgggtgagatc aagaagggtg 780
agaagactgt cgtcatcctc cgatacgacy gaaccaaggg tggctcctggc atgcttgaga 840
tgctgaagcc ttcttctgcc atcatgggtg ctgggtcttg tcaggatgto gcccttctca 900
ctgaaggctg cttctctggg ggttcccacg gtttcttatt tggccacatt gtccttgaa 960
ccatggaagg tggctctatt gcccttgctg aagacgggtga tagcatcgto atcgatgccg 1020
agtctcgtgc tatcgacctt gttgttcccn aaqgaagaag tctcccccgc cgcaaggctt 1080

ggaaagcccc tcttccccgg tacaccaagg gttactctca gcaa

1124

<210> 32
<211> 935
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(935)
<223> n = A,T,C or G

<400> 32
gaatngcccg aaaattgttt attgggagat gccgcgccat catttntggt ctgcgttact 60
acactcgaac tattatacaa cattatgcct tctgcatacg gcgcataatgc caccgggagg 120
ttatcargc ttacctgacc cctcgcctta cctttctcgc aatatacgtt ttcacgcagg 180
ggctatgata acctccatcg tcnagaacct cgtcgcacat galcagctac ggtattgncc 240
cgcttttgtt gtatacagtc tattctcagc cctcattatg catgtctatc aaatgaagtc 300
accagtaccc tcgattcagc aggtaaccca agacagggtg cgtagctgca tgtcagctat 360
gaaggaaatc tcacgggttt ggcttgctgg gaagatgggt tacgcccctc ttgaatccat 420
catgggaaac aaggtactgg aagagcgact tcaaagggct gaaggcaagc gacaccgaaa 480
tttgcgccaa acactttctc aattggaaca acagcaaaat cgacaggccg aggcaaccaa 540
gcggaagtat gatgacatgg ccacgcactt tagtaccaat acgccttagc cttaggagtc 600
ttacgagaga tcacggcctc aaacgcctag tgctgcaaga cggagccaac aagctcgatg 660
cagcctcgc cggtagcgtc ttcaaacgca agacagagta cagccgcact tcatgggagg 720
nacgaactca cgtncacaaa ctcgaccagg aacgcctttt aatncatctt tttttntccg 780
ccacaccttc tgaactatttt ggtacaagga ctcttcgacc ttcacaatct tttgggaaac 840
ttacagcaga caattattct tgttaggntg gtttgcaagt tccgaactnn gccacgcaaa 900
cactcatttg acacacacat ggttcantcc ccggt 935

<210> 33
<211> 937
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(937)
<223> n = A,T,C or G

<400> 33
ttcgtcgtga agtgcgtgtt ttcatttccc caataaccac aatcaaaaaac gaaactatgg 60
ctgaaaagcg aggaggaatc gatcgcaagg ccgatgagag gatggagttt tccacctcca 120
aggaggttac ggtccatcct actttcgagt ccattgtcact gaaggagAAC ctctctcgcg 180
gcactctacgc ttacggatac gactctcctt ctgctgttca atctcgtgcc atcgtccagg 240
tctgcaaggg ccgtgacacc atcgcccagg ctcaatccgg tacaggaaag accgctacct 300
tttccatcag tatgctgcag gtcacgcaca ccgcggtgcg cgagacacag gccctagttt 360
tgtcaccacc acgagaattg gcgactcaga tccagtcctg cgtaatggcg ctgggtgact 420
acargaanct ccaatccacc ccttcttatcg gaggtacaaa cgttggtgaa gatatccgca 480
agctcgacta gggcagAAC attgtctctc gcactccagg gcgtgtggaa gacatgattc 540
gaggaacaca cttgcgcact aggcataatc agatgctggt tctcgatgaa gctgacgagc 600
tctcacaaca gggattccgt gacgagatct acgatgtcta ccgggtacct cctcctgcc 660
cacaagtctt ggtcgtcagt gccacccctc cttacgatgt cctcgacatg acgaccaagt 720
tcattgacga tctgttctgc attctcgtcc agcgtgacga attgacctc gaaggtctca 780
agcagtactt catcgccgct gagaaggagg actggaggtt tgatacccta tgcgatctct 840
acgacacctt cactatcag caagccgtca tcttctgcaa cacacgcgcg aaggttgact 900
ggtcaccga caagatgcc aaaccaact taccgtc 937

<210> 34
<211> 975

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(976)
<223> n = A,T,C or G

<400> 34
cgataccccct actggcagcc agccttttcgc ccacgggtgtt gatgttcgat ccaacttcct 60
tttcaactct cagatctggg gaattgagga ggcgcagcct atcctgattg ttggcagcaa 120
ccctcggcac gaggetgccc ttctcaacgc ccgatccga aagcagtggc tccgatctga 180
cctcgagatt ggtcttggtg gtgagacatt tgactccacc tttgagttcg agcactttgg 240
tgccgatcac gctgctctca agactgctct ctctgggtccc ttccggcgaga ccctgaagaa 300
cgccaaacga cctatgatca ttgtcggctc tgggtgtcact gaccacgctg atgccaaaggc 360
tctttacgag accattgggtg ccttctgtga caagcagccc tctaaacttc gaactgagga 420
gtggcaagggt tacaacgtcc ttcagcgtga ggtttctcgt gctgggtgctt tcgagggttg 480
cttcaactact ccttctgctg aggtgccccaa aaccaagccc agttcgtctg gcttcttggt 540
ggcgacgatg tcaacgaggc cgatatcccc aaggatgctt tcgttggtta ccaagggtcac 600
catggtgaca anggtgcccc nategetgat atcgtccctc ctgggtgctgc ttacactgaa 660
aagggcggta cttacatcaa cactgaggggt cgtgttcaaa tgactcgagc tgccacttct 720
ctgcctgggtg cctcgcgaac tgactggaan atcctccgag ctgccagtga attcttgggg 780
ctcccttttc ttacaatgac gtcccattggt ccgagaccgc atgggtcgaaa taacctnct 840
ntggccgcct acaagtttgt tgaaccgcgc ncttcccttg ttgancaag gttaacttgt 900
aaacaaaaca agggtgccaa ngnttcogga nctcccctaa aaaagttatc ncaacnttta 960
ctttacaaat tgtttt 976

<210> 35
<211> 918
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(918)
<223> n = A,T,C or G

<400> 35
ccactgtaga gtgggtctcaa gagcgatata ccgagtgcac atccaaaactc gcacagtttc 60
ttaagggtac tggttacaac ctcaagaacg acgtttactt cttgccaatt gctgctcagc 120
aaatgaaggg catcaagacc cgtatcccca aggaagaagc tccctgggtg gaggtccct 180
cgctgctcga gtacctcgac agcatgaang cgtcttgagc taaggtaaat gctcctttca 240
tjttgcccgt caatggcaag taccgtgac ttgtgtacaat ggtagagggg aagattgaag 300
ccggtgttgt taagaaaggc atgaacatga tcatgatgcc caacaagcaa agtgttgaag 360
ctgccgccgt ctacggcgag caggaagatg aaattcaact ggctcaatgt ggtgaccaag 420
tgccaattag actcaagggt atcgaggaag acgatatact gcccggtatc gtgctgtgct 480
caccaaaacca acttgtgcac actgtcaccc aattcgaggc gcaaatccct attttgaagc 540
ttaagaatat cttgaccgct ggtcccaact gtgtttctca cgtccactcc gccattgagg 600
aagtgcacatt cgctagcctt ctacacaagc taaaaaaggg aaccaaccgc aagagcaaga 660
acccacctac acacgcgaag aaggggcgaa gcattatcgg ccgcatgcag gtgattggcg 720
gacangcgct gtgtgcgtgg agaagttcga ggactacccc cagatgggtc gcttcacatt 780
gagagaccag gacaaacctt cgtatttggt aagatcacaa ggntcatctn tgacgaactt 840
aaatgaatta tgaatgggtc tttgaatcac ctaggacacg aattatttgt acgnccaaaa 900
ggatagtggg cattggca 918

<210> 36
<211> 1316
<212> DNA
<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1316)
 <223> n = A,T,C or G

<400> 36
 aaacacaaca actactttctt tcttcaccaa aagaacctcc ttaacaaaat ggctcccatc 60
 aagggtcgga tcaacggttt cgggtcgatc ggccgtatcg tcttcgcaa cgcggtcgag 120
 cccccgaca tcgaggttgt tgctgtcaac gaccttttca ttgagcctca ctacgcgctc 180
 tacatgctca agtacgactc tccccacggg ctcttcaagg gtgaggtcgg caaccagggc 240
 aacgacctcg tcgtcaacgg caagactgtc aagttctact ctgagcgtga ccccgccaac 300
 atcaagtggc cggagacggg cgcgactac gtcgttgagt ccaccggtgt ctteaccacc 360
 attgacaagg ccaaggccca tcttcagggc ggtgccanaa aggtcatcat ttctgcccc 420
 cgcgcgacgc tcccatgtac gtgcgcgggt tcaacganaa caagtacgac ggntctgccc 480
 acatcatctc caacgctttt tgcaccacca actgcctggc ttcttttcgcc aaggtcatca 540
 acgacaagtt cgggtatcgtt gagggtctta tgaccacggt ccaactctac actgcccacc 600
 aaaaaaacgg tcgatgggtc ctccgccaag gactggcgag gtggcgggtg tgcgtcccaa 660
 aaacatcatc cctccagca cgggtgcgc caaggctgtc ggcaagggtc tccctgagct 720
 caacggcaag cttaccggca tgtctatgcg tgtccctacc gccaacgtct ccgttgctga 780
 tctgactgtc cgccttgaga aggggtgctt ttacgaccag atcaagcagg tcatcaagga 840
 ggccctctgag ggtgacctca aggggtgctt ggccctacac gaggacgacg ttgtctctc 900
 tgaccttaac ggcaacacca actcctccat ctctgatgcc aaggccggta tctccctcaa 960
 cgacaacttc gtcaagctgg tctctggta cgcacaacgag tgggggttact cccgcggtg 1020
 cctcgacctc ttggcccaag ttgccaaagg cgatgcctcc aagtaagcgc agagcgctca 1080
 aggggctgga agcaaaaacca aacctaatga gacgcgacat gataaagatt ccagtcgggtc 1140
 gtgtgtttta atgaagcaaa gaaatgaaag caaataaaaa taccaaaatc cggggagatt 1200
 gtgggagggg atgacaacga ggttggtatc atcggtcga gttccctact agacaattga 1260
 tcttagtata ggcgtggaca gaaaaaatat agatccatcc ctcttgaaaa aaaaaa 1316

<210> 37
 <211> 1189
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1189)
 <223> n = A,T,C or G

<400> 37
 cttcatcaac acctcaacct ccatctcgac cgcacacctc gtcgacctcc tcccccggtt 60
 cgacatcgca ttccatacgg ccacagtcgc cgaattttat tatctcacct aataatcaat 120
 ccgataacgc gccagtttct ccqcccaata tqgctcctaa gaaggctgcc aacaacagca 180
 gcaagtccaa cgaggacgat ggatacacag ctggtaaaaat ctactccatc tccgggtcctg 240
 tcgtcattgc tgaggacatg attggtgttg ccatgtacga gttggtcaga gtaggacacg 300
 acaacctcgt tgggtgaggtt atccgaatca atggcgacca ggccctctatc caggtttacg 360
 aggagacatc cggcgctcatg gttggtgacc cgtctaccg aaccggaaaag cctttgtccg 420
 tcgagcttgg tcccggtctg ctcaacggta tctacgacgg tatccagcgt cccctcgagg 480
 ctattttcaa gatggccaag tccatttaca ttcccccgcg tatcgcggtt cctgccccctg 540
 acggcgaaaa gaagtgggag ttccacacct tggtaaggtt cggcgaccac ctctctgggtg 600
 gtgatgtttg ggggttcggtc ttgagaaact ctctccttgc caaccacaag attctgttcc 660
 ctccctcgcg ccgaagaaac cgttaaccaat atcgccctcc agggcgagta caccgttggtc 720
 gacaacatcc tcgaggtcga gttcgatggc nagaagaccg agtaccocat gatgcagtc 780
 tggcctgttc gagtgcctcg tctttccaac gataagaatc tgccgatcag ccttcattg 840
 tgggcacagc agtctctgac ggccttttcc ccagtgttca nggtgggtacc gtcgcentc 900
 ccggtgcttt cgggttggtga aagactgtca ttagtcagtc tgtgtccaag ttctccaaca 960
 gtgacgttnt tgtctacctt ggttggtgtg agcgaagtaa ccnatgggt gaagtcttga 1020
 aagatttccc cnancttacc atttaagtcg acngccgcca ggagccctc ctgaacgaac 1080
 cacacttatt ggcnaacctt ccnacatgcc cgtcgctgcc cnaaaaaactt ccattttacn 1140
 nggaaattac gggggctgaa tatttccgcn atcaggggtct cagctcccc 1189

<210> 38
 <211> 1105
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1105)
 <223> n = A,T,C or G

<400> 38
 ctggaaggac atcgtcacct togatggctg tgctgaccac cctgccaaagt ctcaggactc 60
 gatcgagaag atcatggcca acatgcaaaa cacaagcaag gccaaaggaat cctctgggtga 120
 acctgattac aagaagggtca ttgctgaaac tgtcaagcag gaggggcaagc ctactgagta 180
 caaattttgag gaggcgagatg ttatccctcta taaccttggg gttgggtgcta agcgccaccga 240
 ccttaagtaa accttttgagg gctctgaaga ctccaggtt ctcccaactt tcggagtcac 300
 cctccttttc aacgcccaga tgccctttcaa ctttgacgac attgtgccc aactctctcc 360
 catgatgttg ctcatggag aacagtatct cgagatccgc aagttcccta tccccaccaa 420
 cgctcgtctt gttagccgag gtgcctcct cgaggtcgtt gacaagggtg atgcttctgt 480
 tgcccgaagc tccaccacta ctggtgacgc caacactggg gaggatgtct tctacaacga 540
 gtccagcgtc ttccctccgc gtacaggtgg ctggggcggt cccaagcgtg gtgccgaccg 600
 cgggtgccgc actgctgcc acaagccncc tgctngcgt cccgatgtcn tcgtcgagtc 660
 cccacacac gatgaccagg ctgntatcta ccgctgagc ggcgactata accctctcac 720
 atcgatcccg agttingccaa ggttgggtggc ttcaaggccc ccattctcac ggctctgca 780
 gcttnggtgt tgccggaaag gccgtctac agcgttcgg tgctttcaag aacattaaag 840
 tccgcttcgc tgggtgttgt atccccggcc agaccattgt cactgagatg tggggtgagg 900
 gcaacagaat tatctttcag tccaaggtca aggaaactgg caagcccgtt attgccgggtg 960
 ctggccgttg acctaaaggac cgaccggtta gagcaagctt ntaaacaaac attggttctt 1020
 caonggagtt tgnaagggaa tttggggaaa ntcaaaatgn cenggggggtt tggaccttcc 1080
 aatctganag ttaaattgtt gctgg 1105

<210> 39
 <211> 977
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(977)
 <223> n = A,T,C or G

<400> 39
 nattttttnt ccttaaatat cctcatcttt tcaaatgtnt tggtcocaaag tggacgggtt 60
 tttaacaatn aaaaagcgct tccaagcttt ttggtaaagc gaagnagggc ttcttttttg 120
 cttttcccn actgggttaa ggctgntacc caaaaagttc gaatttcaaa atngctnggt 180
 caaaactaat cctgacaatg ctttcgaacc ccaagtattt ggaatnatgg gcaatggcca 240
 tttctacatc gaggtggata ttggcgaccg ggtatcatcg atggcataca atctaagaaa 300
 asaattctact ttcttacact ttntgggctc tacatgaatg gnaacaccca catggatggn 360
 cctgctggng gtaagcaatg ncccaatggg tcttggaacl aagttttata tacaacttca 420
 ctgggtgatca agcccggcac aaactgggtg tcacaagtca cactgcagca caatatccag 480
 acgggtctacg cggggcccttt atcgttcacg ataaagactt cccgtatcaa aagaaatacg 540
 atgaagaggt tatcctcaca ctttctgatt ggtatcatga tgaaatgggg tcgtctcacc 600
 cacaattcat ggccaagtca aatccttcag gcgcgagcc tgtgcctaag aacgcctca 660
 tgaatgaaac cacaacttc acaatgcctg ttcaacccga aaaacatac ctgthccggg 720
 tgatcaatgt cgggtgctttt gcaggtcaat atctctgggt tgaaggggac aaaatggcaa 780
 tcgtcgaggt tgatggcatt tacaccgagg aagctgaggc agaaatgac tacatctcgg 840
 ctgcacaacg agtcagtttt cttttaacta ccaagaacga cacttctaaa aacttctat 900
 tggttctagc atggacactg tgagtaaaact cctcaaaaat gatcacaggg aaagtaccac 960
 aacatcttag actcttt 977

<210> 40
 <211> 1299
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1299)
 <223> n = A,T,C or G

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<400> 40
ctcctcgccg cctgcacgt ctacggaacc gagaacatga actccatgaa gtcttaccag      60
atccccatcg gtatccagtt cccctgggct gtcacccctc ctgtcgggtct tttcttcctc      120
cctgactctc cccgataact tgtcaaagcg cgggtcaaat gaaaaggctg tcgacgctct      180
cgcccggtgtc cgtgggtcagc ccaaggactc caagtagctc cagttctgaga ttgcccagat      240
tgttgcgaac gaggagtagc agcgccaaat ctttccctcc acctcttggg tcggctcttg      300
ggccaactgc ttcaaggggt ctctctggga tggcaagtct aaccttcgcc gaactatcct      360
cggtaacttt atgcagatga tgcagcagtg gactgggtgc aacttcactc tctactactc      420
tactcccttc ctcaagtcca ccgggtgccat tgacaacgtc ttctcactc ctctcgtctt      480
cacactcgtc aacgtctgct ctactcctct gtctttcttg actgttgagc gattcggctg      540
ccgatccatc ctctcctcgt gtgctcttgg tatgcttata tgcagttcc tcgtcgtat      600
cattgggtgt accgtcggtt ttaaccacac ccacgcttcc cccactgagg ccgacccga      660
ccgcatgata gccaaacaaca tcagcgtgtt caacgcccag attgctttca ttgccatctt      720
catcttcttg ttgcctcca cctggggccc tgggtgcctg atcgtcatcg gcgagatctt      780
ccccatcccc atccgatctc gtgggtgtcg tctctccacc gctccaact ggctctggaa      840
caccatcatt gctgtcatca cccctacatc ggttggtgag aaccgaagca acctcaagtc      900
ctccgtcttc ttcatctggg gtgggtctct cacctgcgct ttctctaca cttacttctt      960
cgttcccga aacaagggtc tgtctctcga gcaggttgat aagatgatgg aagagacact     1020
ccgaanctc tgccaagtgg agacctcact agaactttgc ccagaccatg ggtgctgggtg     1080
atgttaagat cgtccccaag accgagcatg acgaccacgt ctaancttgt tgcacacaa     1140
gtcttggtat ttgtttgatg tggaggaaaag ttttctattt taattatacc tgaatgtttt     1200
ggagggtcat gtgttatgat ctaagatgat gagaacgcgg aagtatatg aaaaataatg     1260
tgtatatata tcaaacagaa ngaaaccaac atnttttct      1299
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<210> 41
 <211> 3203
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(3203)
 <223> n = A,T,C or G

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<400> 41
tacagcccat catgtacttc gtttcttccg ctttctctct cggctcattt gctctacaga      60
gcgtcttggg ccgaccagcc ctacaagaaa aggcaatctt ctctcgaatc cttcatcaat      120
tcgagagatt cgattgctat cgagcaactc ctgtgcaaca ttgggtctga tggctgtcac      180
tctcaaggtg ttgcttcccg ttttcttatt gggctctcag ataccgagga cctgactac      240
tttttcaact ggactaggga tgcctgctct gtcttttaaat atgttataga taggttcact      300
aaccagtagc acgttggtct gcagaaaaag atccaacaat acattgcata tcaagccaag      360
cttcagggag tttctaacct ttcaggatcc ctctcagacg gttcagggtt aggagaagcc      420
aagtagcagg ttgatcttag cccctttact ggtgggtggg gtcgacctca gcgagacggt      480
ccagctctcc gagctactgc catcatcacg tatgctaact gqctgattga taacggatac      540
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caatactgga accaaaccgg ctttgactta tgggaagagg tcaggggaag ttctgtcttc      660
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aaatcaggag acacttacac cactatcgca cctcaggctc tttgcttctt gcgacttac      780
tggattccct ctgqcaataa tqtgtattcc aacatcaatg tcaacgatgg acgtactgga      840
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<210> 42

<211> 859

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(859)

<223> n - A,T,C or G

<400> 42

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gagatgggac	aaggtcttga	cactaagctc	actcaaattg	ctgcacaagc	attgggtgta	180
ccactggaca	acgtcttcat	ctcagaaaac	tcgacgaata	cgggtggccaa	cgnatctgca	240
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cggaacggcc	caatggcagg	tcatntnttc	acgcggggac	ctggagcata	caaaatccct	720
ggcttncgag	atattcccca	aacgttcaat	gtgtccttnt	caangaccgt	ggagtggaa	780
gaactaccen	cgattnaaaa	aagtcgtggg	gtangcnaac	cgccgttntt	tatgggcaag	840
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<210> 43

<211> 957

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 43

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gaccgctcct	gccccgggca	ttaaggctga	ggaagccgac	gagccctccc	ttcaagaaaa	120
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ccccgaggct	cgatgcttct	acggtttcca	gatcatgatg	gagaacatcc	actccgagac	420
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atgaactcca	acctcatgaa	cagtacatcg	agttcgnngc	tgatcgtctg	ctcgttgctc	900
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<210> 44

<211> 2780

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(2780)

<223> n = A,T,C or G

<400> 44

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aggttgagcc	atcaccagaa	ccaattctca	aaacattcaa	ttgacataac	cacatcttct	180
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<210> 45

<211> 1278

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 45

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gatggtccac	aacgggtattg	agtacggtga	catgcagctc	atctgcgagg	cttacgatat	180
catgaagcgc	ggtctttgggc	tctccagcaa	ggagattggc	gacgtcttcg	ccgagtggaa	240
caaggggtgtt	ttggactctt	tcttaatcga	gatcactcgt	gacattatgt	actttaacga	300
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<210> 46
 <211> 614
 <212> DNA
 <213> *Fusarium venenatum*

<400> 46	
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ctccgaggaa	accaagagtc
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ccctcactg	ccctaatacg
atcgacacac	togataacat
cccatgtgtg	accttctctg
cgaggtgcgg	gggtatacat
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ccgtaatgtg	gttaccattt
cgccatcatg	gaaa

<210> 47
 <211> 1928
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1928)
 <223> n = A,T,C or G

<400> 47	
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gccaccccta	ctctcaagga
tcaggcaatg	ctttctgggc
cctgggtggg	cctccgctaa
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caacaagtga	ttcaagaact
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tgaggacgag	ttcgacctct
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cttggaaggg	cagacaaatg	attataatgc	tatctgggcg	attatcgctt	ttgtcatttg	1860
agttaaaaga	agttcgggtg	ggaaacacaa	tcagtagact	tttcttaaac	taggnecatga	1920
atttgccg						1928

<210> 48

<211> 1563

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1563)

<223> n = A,T,C or G

<400> 48

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ccaacctgca	cctcgacgag	gtaactgggtg	agaagatctc	caagaccgag	ttgaagaagc	180
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ccagtaacttc	gagatccgat	ccaggaacat	caacaagctc	cgcgagacca	agagcccaac	360
cctatcttacc	aagttcaatg	ttacatacga	cctgcgaaaag	ttcgtcgagg	agtttggtca	420
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tggttgggnn	aagttcatcg	aggagaantg	ggtcacccct	cttttattac	tgggccaccc	1500
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ttca						1563

<210> 49

<211> 1670

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1670)

<223> n = A,T,C or G

```

<400> 49
cttgttttcaa ttactaaaac agaataatgg cttctcctcc tcatgttggg agtctctccc 60
gtcttctctgc caacttgccg ggtgggtattg agtctgtcac gcgcggtaga cataatgtgt 120
cttggcctttt gctaaacctc gatctattgc gcaacatcct cctctttctt ttcttttggc 180
gatggacccg tcgcgcattc tggcagctna aaggctcgtg tattatcggc tncgtcgtcg 240
agctatacac caacatccgg cgcattcctnt acgggtactt ncttcgagcc cccggcgtgc 300
gaagtaaggc caacaacagg tcaacgaatc cttgggttaa ctatccgata aagctagttc 360
caaagaccag attcgtctac tcacgctaca aaggagggat tctnttatga tgtcgtgcgc 420
tccgagctcg agaacctcgc caacatggac cacacgcgt gggaggatgg gtatgtctct 480
tggtgctgtg taccacggag aggatgaact gttggctctg cagactgagg cgtatggaaa 540
agttcacctg gccaatccat tcattccgat gtcttccctg gtgtgcgcaa gatggangct 600
gaagttgtgg ccatggttct gagcatgttn cacgcccctt ctgggagccg tggacatnta 660
ctagcggagg aactgacagt atcttgatgg cttgtctggc tgctcgccaa aaggcttatg 720
ctgagcgtgg agtgacagag cccgagatga ttctcccga gactggtcac actgctttcc 780
qcaaggctac tgagtacttc aagatcaagg tccacctcgt cgcattgccca gctcccaggt 840
accaggttga cgtcaacgct gttcgcctgc taatcaaccc caaacagatt atgctagtgc 900
gtctgtctcc caacttccct cacggtatca tcgacgacat ctctgctctg tccaagcttg 960
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tcttcgagcg tgctggtttt gaaactctgc tgtttgactt ccgactgaag ggtgttacca 1080
gtatcagctg tgatactcac aagtaacggt ttgcgcccac aggttaactc actgtcctct 1140
accgaacggc cgagcatcga aagttccagt actttgtttc cctgattgg tccgggtggtg 1200
tctacgcttc tcccgtatg ggtgggttct cgacctggtg cctcctcgc tggttgctgg 1260
gctagtttga tgacctggg tgagtcgggt tacatcgatg catgcaccaa gatcgtggga 1320
accgccaana anataccga ggntatccac accaccccag cattgggtgg cgagcttgag 1380
atcatgggaa agcctcttgt ctntgttgtt gcattcacag ctcgcaatct caacgtctac 1440
natattgccg acggtatggg tgccaagggg tggcatctca acgntnttca gagccctcct 1500
gctatccacg tcgccgttnc tctgcccatc accaagggtg ggaagaatct nategccgac 1560
ctcgaggctg tcgttgaaga agaaccacca aaagaacgtg ttcttttant tgagggcaag 1620
ggtacccatg gtnacgccat gggtgacccc tcacattgng cgggggtggn 1670

```

<210> 50

<211> 633

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 50

```

ggaagtccga tttgtgggaa gcgcgaagca ttccctcccc acccggcgac gatgagacca 60
atgaagccat cgttttcggg tatcttgttg cctggttcct gggcgagttc gtctgccacg 120
agaaaaagaa ggctgttatt gctcacttcc acgagtggct tgctggcgtt gctctgcccc 180
tctgcaagag acgcgcgcat gatgtcacga cgatctttac cacacacgct actcttctcg 240
gccgataact ttgcgcggc tcgctggact tttaacaaca cctacagtgg ttcgatgtcg 300
atgctgaagc tggcaagcgt ggtatctacc acaagatact gtattgagcg agctgccgca 360
catgcttgcg atgttttcc cactgtttct cacatcacag ctttcgagtc agagcatctt 420
ctgaagcgaa agcccgatgg tgtttctgccc aacgggctca aogtcacaaa gttctctgct 480
gtgcacgaat tcagaaacct gcancagcan gcaaaggaga agattcacga ctttgtccgc 540
gggacatttc tatgggcact acgactttga tgtcgataac acattgtatc tcttactgc 600
tgggtccgtt acgaattcaa ggaataangg cgt 633

```

<210> 51

<211> 749

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

```
<400> 51
gaaagctgac catcaagaca accgacatgg aggcagttta tgatatgggt agcaagatga      60
ttgacgccat gaccaaggag cgcgttatgg ctggcgatat catctcgatc gacaagtctt      120
ctggcaagat caccaaactc ggccgatcct acgctcgatc tcgcgattat gatgccatgg      180
gcgtcgatac aaaattttctt caatgccccg acggagaact tcagaagaga aaagaagttg      240
tgcatactgt gactcttcac gaaatcgacg tcatcaactc gaggacacag ggcttctttg      300
ctctattttc aggcgatact ggagagatgc gcagcgagat tcgagatcaa atcaacacca      360
aggttggcga gtggaaggaa gagggcaagg ccgagatcgt tcttggtgtg ttgttcattg      420
acgaagttaa catgcttgac attgagtgtc tctcatatc caatcgagct ctcgaggacg      480
atctggcccc tgtagtcatt atggccagca acagaggcaa ctcacgcatt cgtggtactg      540
attatcgaag cctcatgga ctgccccctg acttttttga ccgagtttcc atcatcaaca      600
cgcactccta cacacccgag gagatcaagg agattctatc tattngagcg caagaagaaa      660
taggtcgacg tacacccgng acgctctcgc cctccttaca aagatcggcc aagangcggg      720
tcttcgtaca ccagcaatnt tatcaccac                                     749
```

<210> 52
 <211> 1283
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1283)
 <223> n = A,T,C or G

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<400> 52
ctcaaccaaa ctttccacga tacatacgac ttaataccat tcatcatgtc ttcattctctc      60
gagcagctca aggccaccgg cactactggt gtgtccgact ctggtgactt tgtctccatt      120
ggcaaataca agcctcagga tgetaccacc aacccttctc tcatcctcgc tgetttctaag      180
aaggaggagt acgctaagct gatcaacgtc gccatcgact acgctaagca gaagggtggc      240
tctatcgacc agcagggttg tgatgccccg gaccgtctcc tcggtgagtt cggcaaggag      300
attctcaaga tcatccccgg caagggtctcc acagagggtg acgctcgtta ctctttcgac      360
accgaagcct ccgtcaacaa ggcctctccac cttattgagc tctacggtga gcagggcac      420
tccaaggacc gcattctgat caagatcgct gccacctggg agggatatcaa ggctgctgag      480
atcctccagc gtgaccacgg natcaacacc aacctcaccg tgatgttctc tctcgtccaa      540
gccatcggtg ccgcgagggc tggcgcttac ctcatctcac ccttcgtcgg ccgtatcctt      600
gactggttca aggcctccac caagaaggag tacagcaagg aggaggatcc tgggtgtccag      660
tctgttaagc agatcttcaa ctactacaag aagtacggct acaacacccat tgnatgggc      720
gctnatctcc gaaacactgg cgagatcact gagctcgctg gctgtgacta cctgaccatc      780
tctcccaacc tgetcgagga cctcctcaac tctcccgagt ctgtcccca gaagctcgat      840
gcttctcang cctcttctct agacatcgag aagaagtctt acatcaagga cgaggctctc      900
ttccgcttcg acttcaacga ggaccaaattg gctgttgaga agctccgaga gggtatcagc      960
aagttcgctg ctgacgctgt aactctcaag ggcattctca aggagaagct tgcctaaatt      1020
tctacgcacc tgaagggtga aagaaaatga tttnaaaagt tacaaaactc ccgtccaagg      1080
aagaaacagt atttgagttg attgcgaaca atgagcttgt tntgctgcn ggcatcttt      1140
attgaanggt gccgattatc cacatacctc rnrntctaaa aacctctact cmtttagtga      1200
angcatgngg gattaacggn tgataggaca tcanatgtcc tggaacanat agngctcata      1260
acnaattgaa caccctctcc ccc                                     1283
```

<210> 53
 <211> 651
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 53

cgagtactgg	atttctcaca	acttgtccaa	ggcctttgag	agtttggtcg	gtcccggtac	60
ttgtttgcct	ggttgtttct	caatgtatcg	aatccgcgct	gctgagactg	gcaagcctct	120
gttcgctcagc	aaggaaattg	tcgaggatta	ctctacaatt	cgtgtcgata	cccttcacat	180
gaagaatctg	cttcaccttg	gtgaagatcg	ataccttacg	actctgctcc	tcaagtacca	240
cgccaagtac	aagacaaagt	acctctacag	cgcgcaggct	tggactattg	cccccgactc	300
ttgggctgtc	ttcctgtctc	agcgacgtcg	ttggatcaac	tctacagtgc	acaacttggc	360
cgagcttatt	ccccctgcca	gctttgtggt	ttctgttggt	tcagtatgag	attcgtcgtc	420
tttatcgatc	tcttgagtac	tattgtccac	ctgncattgn	tatgtacatt	tgggtacctg	480
atztatcagg	tcgctgtccaa	ccccgcggtt	gtgcccacac	aagccttctt	ggtgcttgct	540
gctatctacg	gtctgcaagc	cattatcttc	atcttgcgcc	gccaagtgga	aaagggtggt	600
gatgncatgt	catgtgcatt	tcgggttttc	tttgttngct	ttacctttgg	gtatggtgat	660
+						661

<210> 54

<211> 960

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 54

ctccccctcaa	tctcagagcc	ctccctccct	ccacatcacc	acaatggctt	ctcgcaatat	60
ctcaaaggcc	ctccgtggcc	ctgcccgcga	gcttgcttcc	gctccccgtg	ttcagcagcg	120
aaactttcgtc	tctgtgtctc	gcgctgctgt	ccgtgctggt	gctgttgccc	gacctgttgc	180
tgtcctctac	cagcagcagg	ttcgtgggtg	caagaccatg	gactttgccg	gccacaagga	240
ngangtctat	gaacgtgcgc	actggcccca	agaaaactcc	ttgagtactt	caagaacgan	300
actctggccc	tcattgggta	cggatctcan	ggtcacggcc	agggctctta	cctccgtgac	360
aacggcttaa	cgtcattggt	ggtgttcgaa	agaacggaaa	gtctggaaaag	acctgaacaa	420
gatggctggg	ttgccggcaa	gaaactgttc	gatgtcaaca	aagccatctc	ccgtggtacc	480
attgtcatga	aaactctctc	tgatgcgcgc	cagtctgaaa	cttgggcccc	ccatcaagcc	540
ccagctcgtt	gaaggcaaga	acctttactt	ctcccacggg	ttctcccccg	tttccaagga	600
ccttaccag	gncgaggtcc	ccaccaacat	cgacgtcacc	ctctgtgccc	ccaagggtct	660
tggccgaacc	gtccgatccc	tcttcctgta	gggcccnggt	atcaactcct	ctttcgtctg	720
cttccaggac	gtcactggca	aggcccaaga	naaggctatc	gctctcggtg	tcgccatcgg	780
ctccgggttac	ctctaccaga	ccacctttga	gaaggagggtc	tactctgacc	tctacggnga	840
gggtggctgt	ctcatgggcg	gtatccacgg	tatgttcctt	gctaatacga	agtcctccgt	900
gagcgtggcc	actccccag	ngaggccttc	aacanaaacc	ggtgaggagg	ctaccaat	960

<210> 55

<211> 1299

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1299)

<223> n = A,T,C or G

<400> 55

gtcgcgatca	ttggatccgg	tctgtctggt	ctggccgcgc	ccgatcagct	caaccgcgct	60
ggtcacctcg	tcactgtcta	cgaacgagct	gaccgcctgg	gtggtctcct	catgtacggt	120
attcccaaca	tgaagctcga	taagcgtatt	gtcaagcggc	gtaccgattt	catggcggac	180
gagggcatcg	tcttcaagac	tgggtgttga	gttggtgagg	atggccaccc	atctctacag	240

gatctccgat	ctagccacaa	cgttggttgtt	attgcaactg	gtgccactgt	cgctcgtgac	300
ctccctatca	agggccgcca	actcgagggc	attcactatg	ccatggagtt	cctgcacaag	360
aacaccaagt	ctcttctcga	ctccgagctt	ggtgataatg	cttatattag	tgccaaggac	420
aaacacgttg	ttgtcattgg	tggcggtgac	actggtaacg	attgtatcgg	aacctctctc	480
cgtcacggtg	ccaagtcctg	caccaacttc	gagcttctgc	ctcagcctcc	tcttgagcgc	540
gccaacgata	acccttggcc	tcagtggcct	cgcatttacc	gcgttgacta	tggccacact	600
gaggttcgcc	agcacactgg	caaggaccct	cgtgagtact	gcacatgtc	tgaagagttc	660
atggacgatg	gatctggcaa	ggtcaagggt	atcaacacca	tccgtgtcga	gtggacacaa	720
gtcttccanc	ggtggttggg	acatgaagaa	ngtcgagggc	tctcagcaag	ttcttccctg	780
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caacctcgag	ggcgtcttcg	ctgctgggtga	cgcccgctcg	ggtcaatctc	tgattgtctg	960
ggggtatcaa	cgaaggctgc	caaggctgct	cgtgagattg	atctgtatct	tgaagaaatt	1020
acaccaacct	gcccgtcact	ggcggcatta	ccaagcgaac	tgcgcaggaa	atcttttagcc	1080
agatccaggt	tgaggcttag	attaaaaatc	tgccttagtt	attatattcg	ggatcggagc	1140
aaaaggaaac	gggaataccg	ctgtgacaaa	acaaaacgat	ttgaaacggt	tcaaccctgt	1200
cccttggag	cgtaagaaac	gaaactagtg	ggtcaattta	tggtatatat	accagacttt	1260
aggnacattta	ttttcatatn	ctaagatgag	ggaaaaaaa			1299

<210> 56

<211> 1107

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1107)

<223> n = A,T,C or G

<400> 56

ttctcgatct	tgtgatecct	ctctcggttt	tgtctcttggc	tggacatact	ggttttaaata	60
catcatcgct	acgcctaacc	aacttaccgc	tgccgccttc	gtcattcaat	actgggtcga	120
tcgagataca	gtcaatccag	gtgtctttat	tgccatatct	ctcgtcgtca	tctgcgttat	180
caactacttt	ggatatcaat	tctttggtga	actcgaattc	tggctttcct	ccttcaagggt	240
catcaccatc	atcgggtataa	tctgtttctc	tctcgtcctg	gctctcggcg	gtggccccga	300
ccatgaccga	aagggttttc	gatactggag	caaccttggt	gccttcaagc	cttatatcat	360
ggaaggcgac	gctggaaaat	tctcggcctt	ctggctcctgc	atggtcaacg	ccacctttgc	420
ttacctcgga	accgaactcg	tcgggtgtcac	agtcgctgag	gctcagaacc	ctcgcaagac	480
catccccgcg	gccattaagc	ttacctttta	ccgaattctc	ttcttctact	gtctctccgt	540
cctcctcgct	ggcatgatcg	tccccacaaa	ctctccggag	cttgcccttg	ccaccactgc	600
caaggctggt	gcttctgctt	caccttttgt	cgttgctggt	acactcgcgt	gtgtccgagt	660
cctccctgac	atcattaacg	cctgtatctg	cgtctttgtc	ttttctgctt	ctaactcaga	720
tctgtacatt	gccagccgta	ccctctacgg	tcttgccctc	gacgggttcag	ctcccgcct	780
tttcaagaag	accaacaagg	acgggtgttc	catctacgcc	cttggcatgt	ctgcttcttt	840
ctgtctgctc	gccttcatga	acgtctcgga	cnactccaca	aaggctcttg	gctactttgt	900
taacctgacc	actatcttcg	gtcttatgtc	atgggatctc	catcctcacc	actcacatat	960
tctggtgccg	cgccaanaaa	gcacaagggc	ctgggcaacg	naaccttcc	ctacgtcgcc	1020
ccctttggca	tgtggggatc	tgttgggtgc	cttgccatgt	gcactcctcat	cgctctgaac	1080
aaaaatacga	aatttttgtt	cgcgcaca				1107

<210> 57

<211> 888

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(888)

<223> n = A,T,C or G


```

<400> 57
ctcctcatca cgcgcgacaa accagccaac cgacacaatg gcccgcggaa tcaagaagca      60
ccagaagcgc ctcagcgccc cctcgcaactg gctgcttgac aagctgtccg gcacctacgc      120
tctaagcct tctgcccgtc ctcacaagct ccgcgactgc atgcccctga tctgtttcat      180
ccgtaaccga ctcaagtatg ctctcaacta ccgtgagacc aaggccatcc tgatgcagcg      240
actggtcaag gtcgacggca aggtccgcac cgattccacc taccctccg gcttcatgga      300
cgtcatcacc atcgagaaga ctggcgagaa cttccgtctt gtctacgaca ccaagggtcg      360
attcacgcgc caccgaatcc agaacgagga ggccgagtac aagctgggca aggtcaagcg      420
tgtccagctt ggtcgcgggtg gaatcccatt cttgggtcac cacgatgcac gaaccatccg      480
ataccccgac cctctgatca aggtcaacga cactgtcaag attgaccttg ccactggcaa      540
gatcacccgac ttcataaagt tcgacaccgg cgcggttgtc atgggtcactg gtggtcgtaa      600
catgggtcgt gttgggtgtc taccaccaag tgagcgtcac gatggtggtt tcaacatctc      660
cacgtcaagg atgccattga caacagcttc gccaccctgt anaacaacgt tttcttcatt      720
ggccaggaca agccctggat ctttttgccc aagggaagg gtgtcaagct caccatcgcc      780
gaggagcgtg accgcgacg cgcttacgac atcttttant aaattgtgaa tttgcgatag      840
qaatqatana aaatggcagc tgggtctggag tctcggattt gacgtttg      900

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```

<210> 58
<211> 637
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

```

```

<400> 58
gagattgatg cctaacctct cctgacctct gttgttgctc gttgtgcccc tcaaaccaag      60
gtccgtatga ttgaagcgtt ccacgcgtgc aaggctttcg tcgccatgac tggcgatggt      120
gtcaatgact cgcgcagttt gaagcgttcg gacgtaggga ttgctatggg tctggctgga      180
tctgatgttg ccaaggaagg ttccgacatt gtctaaactg acgacaactt tgccctctac      240
ctcaacgcgc tcgaggaagg ccgacgaatg tttgataaca tccagaagtt cattctccac      300
gttttggtcg aaaacattgc ccaagcctgt actcttctta ttggccttgc tttcaaggac      360
cgtaacaacc tgccctggtt ccccttgcca cctgttgaga tccctctggat catcatgatt      420
accttcggta tgccctgatat gggactcggc tttgaaattg ctgcgccaga cattatgcag      480
cggctcttct taaaacttaa aacaagggtg ctttacttcc gagttgatga attgatatgg      540
ttgtctatgg tctttggatg tctggcctct gtcttagctc tttcgnctct tgctctctac      600
ggcttcggtn atggcctgac gacattggan acaatgc      637

```

```

<210> 59
<211> 1127
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(1127)
<223> n = A,T,C or G

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<400> 59
accatcgca tcattacctt aaaaatgctg tccacactcc gagttgcccag ccgacggggt      60
gcccgccttg ctcagtaaaa cctggccgac atccgcgtcg cctccaactg ggccaacgct      120
cctcaagggt cctctgatgc cattcttggt atcactgaag ccttcaaggc cgacaagttc      180
gacagaaga tcaacctggg tgtcgggtgc taccgtgacg atgcccggaa gccttacqta      240
ctcccttccg ttggtgaggt cgagaagaag gtctctgagt ctaagttgaa caaggagtac      300
gttgggtatc ctggtgttcc tgagttccct cccgcgcgcg ctaagctggc ctacggcgcc      360
aacagccccg ccttggaccg catcaccatc accagacca tctctgggtac tgggtgctctc      420
cgtgtcgggt ctgctttcct cgcacaagtt tccctggcg agaagaagat ctacattcct      480
cagccttcgt gggctaacca caaggccgtc tccaaccacg ccggcctcga ggttgaacaa      540

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gtaccgctac	tatgacaaga	agactatcgg	ccttgacttt	gaggggtctga	ttgctgatgt	600
caaggctgcc	ccaacggcag	tgtcttcctt	ttccatgctt	gtgctcacia	ccccaccggt	660
gttgatccta	cccaggagca	gtggaagcaa	atctccgacg	tcgtcaagga	gaagggtcac	720
ttcgcttctt	tcgatatggc	ttaccagggc	tttgccagcg	gtgacactga	caaggatgct	780
ttcgctgttc	gtctacttcg	tgagcanggc	cacaacattg	ctcttttgcca	gtcttttcgcc	840
aagaacatgg	gtctctatng	tgagcgnatt	gggtgccttt	tcattggncgt	tgccgatgcc	900
gacnagaana	aacgcgtcga	ctctcagctc	aagattctca	ttcgacctct	gtactccaac	960
cctcccatcc	acgggtgccc	catcgnncgc	gagattctga	acagcctacc	ctctacaagc	1020
agtggctcgg	cgaggncaa	gagatggctg	nccnatcatc	tcattgcgtgc	tctctnaagg	1080
ataccctgag	aacttcggtt	caacaccaat	gggctttacan	taccagc		1127

<210> 60

<211> 1319

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1319)

<223> n = A,T,C or G

<400> 60

gaacaacaca	aatacacatc	tcacatcctag	atctttgttg	attctccttc	tttgagaatc	60
tcgagtctag	tcgataccag	ctttatcttc	cactaaacga	ttaccaggcg	cagtcttcag	120
tcgaagttct	gcccctcttt	ttcgcttctc	tcaccccgcg	atttctcaca	tctaggtcga	180
gccgagcttg	atctagactt	tcaaaagcct	caaccgcaat	catggctgac	aagggctctg	240
aggatgtccc	tgagacacag	atcgagggta	actacgatga	gaccgtcgac	tccttcgatg	300
acatgaacct	caagtctgag	ctcctccgag	gtgtctacgc	ctacgggttc	gagcgtccct	360
ctgctattca	gcagcgtgct	atcatgcccc	tcacaaaggg	cagcgatgtc	attgcccagg	420
cccagtcggg	tactggaag	accgccacct	tcttcattct	tgctctncag	aagatcgacg	480
ccaacgtcaa	ggnttgccag	gcccctgatc	ttgcccccc	ccgtgagctt	gctcagcaga	540
tcacagaagn	cggtatcgct	attggcgact	tcacgaacat	tgagtgnac	gcctgcattg	600
gtggnaacaa	gtgttcgtga	tgacatgaag	gcccctccagg	acgggtcccca	ggctcgttgtc	660
ggtacccccg	gtcgtgtcca	ggacatgatc	cagcgccgta	tcctcaagac	cgacgccatg	720
aagatgttcc	ttctttgacg	aggccgatga	gatgctttct	cgtgggtttca	ctgagcagat	780
ctacgacatc	ttncagcttc	tncccttagtc	cacccagggt	ggtcctctnt	tcgcgcccat	840
gccccaggat	gtccttgagg	tcaccaccaa	nttcattgct	gacccccgtc	cnnattctgg	900
tcaagaaaga	cnantttacc	ctggcgggta	tcaatcagtt	ctacattgct	gttgatanag	960
gaggacgtgg	tatctcgaca	ctcctttccg	acttgtaaga	ggagcgtcac	catcaccag	1020
tctgtcatct	tctgcaagac	tcgcatgaaa	ggtcgactgg	ctcaccgaca	gggtcactg	1080
cgctcgtgact	tcactgtctc	cgccatgcac	ggtgacatgg	accattcgtc	acgcgtgatc	1140
tgatcatgag	ctgaggttcc	gatccggatc	ttctcncgtc	ctgattgcca	ctgaacttct	1200
ggccgtggta	tcatgttcca	acaggtttcc	tggctcact	acaatctccc	gcccaccgtg	1260
anaatactcc	ccnccctcgt	cctggaagan	tttcggccaa	aaggttcccc	tcacttctc	1319

<210> 61

<211> 755

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 61

gatttcaact	ggggtaaac	tcgtgttatt	gctgggtgagt	ctggcaagaa	gatcgttgtt	60
tcgacgaag	gcaagttcga	ccccaaactc	atccctcgca	agaagtggga	ggagtaccaa	120
gccgagcttt	gggagaccca	aacacagact	gctcgcgacg	atgttcgatc	cgagatttcc	180
ggttacagtt	atgcgaccaa	ggctcaagga	cccttctccg	attacaatgg	tggttaccag	240

cccagccgcc	ctgggtcaac	tgcgggcttc	ggtcaccaca	acatgtctcg	catgtctctg	300
gcccactccg	agatgcctgg	taaccgcacg	agccagttcg	gtggctcaca	attcttctcc	360
cctgaagaga	tggttggcat	gcccagtgat	gacgtctctc	tcgccgagat	ccgcgacatt	420
ctcaagacag	ccgacttgat	gaccgtcacc	aagaagggca	tcaagcaaga	agttggagag	480
acgcttcaac	gttccctctag	acgccaaaag	ggcctatatc	aactctgcga	ctgaagcctt	540
gctttctggc	caactataga	ctgnattaag	aacccaatga	aacgggcttt	tattaatgcc	600
tatcttaaag	gcctggcgat	aatctttggg	tatttgaact	tggnaatctt	tcattttatt	660
ttatatatgg	ggaacatggg	aatgggaata	ctaaaactta	acaattttgg	ttaacnngac	720
aacccaattt	tggccgggcn	tatncataaa	actgg			755

<210> 62

<211> 1272

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1272)

<223> n = A,T,C or G

<400> 62

tcacattact	tatcgcat	ttctgcgttc	ttcatcgatg	ccagaaccaa	gagatccggt	60
ttttttttga	acgatcaaga	aaataatatt	gccaagttag	ctatcagaac	acagcatgaa	120
actcctttca	tctagcatat	acacagggtt	aaagtcctaa	taatctcatt	cgcagttttc	180
atctgcgata	acccttcaga	tcgttccccc	ctcgtctgca	aacattcggt	ttacaacaaa	240
cttatgtttt	attcgtttaa	gttgccgaaa	gccatctgct	tcttgatctc	ggcgatcgcc	300
ttgccggggg	taaaaccctt	ggggcaagct	cgggtacaag	ttaaggatag	tgtgncaacg	360
gtacaagctc	attgagttct	cgagnttctg	ctttcgctcg	gcggtacgct	ggtcacgaga	420
atcggcgagc	catcggttaag	actggagcag	gatagcggga	ccaaggtact	cctcagagtt	480
ccaccnagtt	aagatgggca	tgaagtagag	cagcaggcgc	agagaatgca	cttcgtaaag	540
accgtcgagc	ttgcgtcggt	cctccttggg	ctgctcggtac	tcccgtccgt	cttcggcagg	600
gggtgctgcg	tgaaggtagg	gcttgatgct	cttgactgct	ttgtagaagt	gcgtcagatc	660
agggacaagt	ccttgacgac	gtaggatga	ggaaaagggt	agatcttgac	gtcgnaagca	720
gcctcggttag	ggatacggca	caagcagcca	aggggtgtct	ggcgttgat	gttcagggca	780
cagctaccac	agataccctc	acggcaactt	cgtcgggaag	tcagagtagg	gtcgagctcg	840
ttcttgatct	ggataagggc	atcgagaatc	atgggtccag	tcttggttaag	atccagagtg	900
taggtctgga	gacggggctt	ctcgtctggg	gtatcggggt	tccatcggtg	gatctggaag	960
gacttcatct	ttgactcggg	ctccttgggc	ggctcgctga	cggaggccat	agaacgagtg	1020
aagacagtgc	cgggtcggat	ggcagccgac	cttgagaagg	cgccaacaag	gcgagaggaa	1080
gatcgaagag	cagccatggg	ggatcgaatc	gaattacaat	tgcgattggg	accggaggag	1140
aaggacagtc	aaacttcgcg	atatatagtt	ggagctgtag	tcaggcgatt	gacaggaaga	1200
aatgccgtac	aatccccctc	gtagagctg	aattgtcgat	attctcaaa	ggtggcggcc	1260
agaggattct	cg					1272

<210> 63

<211> 570

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 63

atgaagccct	ggcggttaac	actttccaag	aagtctcatt	tactcttaag	gcattgtctt	60
cggcatggac	aattatatct	ccaggctcgg	cacatacgan	gaactcgccg	agtttccact	120
ctcggactat	ctggacttcc	tcggcacagt	actgcctgag	ccagtacctc	gagatctcga	180
aaaccaagga	gtcgacctga	agttcaacct	gggtgggtct	gactgtcccc	tctttgatgg	240
cctattcaat	tattgtttct	tgctccgtgg	cgggtccctt	gatgcagcca	gaaagatttg	300

ctcaaagcag	tctgatattg	ccatctcttg	gggcgggtggc	cttcatcacg	ccaagaagtc	360
tgaagcgccc	gggttctgct	acatcaatga	cattgtgatc	gccattctcc	aactccttcg	420
ccattatccc	cgagtcttgt	acattgacat	tgatgttcat	cacngcgacg	gaatanaaaa	480
accttcttct	ctactgatag	antcatgact	gtctcttttc	ataaatacaa	ccaaacactc	540
ttcttggtta	ctggtgctct	tgataaaaacg				570

<210> 64
 <211> 577
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 64						
cgtggcggaag	cccgactctt	ccctcaagac	cgctcaggaa	atcaaggagg	agtactgcta	60
cgtctgtccc	gatatcgtea	aggaattcgg	caagtaacgac	caagatcgca	ctcgatttgc	120
caagcatgto	gtgtcgcacc	ccaatggccg	ccaggtcagc	gttgatntcg	gttacgagcg	180
ttttctcgcc	cccgaaatct	tcttcaaccc	cgagatttac	agctccgatt	tcttgacccc	240
tctccctgtg	gtcgtcgatg	gtgttattca	gcagtcgcct	attgatgtac	gacgaggcct	300
ttacaagaac	attgttctct	ctggagggaag	cacactatac	aaggatttcg	gtcgccgatt	360
acagcgagac	attaagcagc	tgggtggatgc	cagaattcga	gccagtgaag	tccgtancgg	420
tgggtgctga	antgggtggc	tggacgtgtc	tgttatctct	cataagcgac	agcgacacgg	480
tccttggttc	ggaagcagtc	ttctcggtca	aactcccga	ttccgatcgt	actgccatac	540
caagggcgaa	taccaagaat	atgggtccan	cattgtg			577

<210> 65
 <211> 1314
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1314)
 <223> n = A,T,C or G

<400> 65						
agctccgtcg	caaaaataaaa	agtgaatct	tttctctctt	cctnaaacct	ttttctcttc	60
cttttctctt	gtcgccgctc	ttgctctcga	agccgtccga	ggttggttag	ctgccaacct	120
aaatacttca	acacgaagtc	cttcagatca	tctctctctt	tcgcttcttc	ctttcctctt	180
gcaccccgcg	cagccagctc	tgcagctctt	qaaaacgttc	cattcacgcg	ttccggtcta	240
gttttctttg	ttcaacatcg	taactacgcc	aagtcaagaa	agatgcctcc	caagaagcaa	300
gtcgttgagg	agaagatccc	cctgggcagg	cctggaaaca	acttgaaaag	tggatttgct	360
ggtctagcaa	acgtcggcaa	atctaccctc	tttcaggcca	ttaccaagtc	taacctcggt	420
aacctagcta	acttccccta	tgccactatc	gacctgagg	aagctcgtgt	cgctgttccc	480
gatgaccggn	tcgactggct	cgctcgagaag	tacaagccca	agtcagntgn	tcccgccaac	540
ttgaccgcta	tgatategnc	ggtctgactc	gcggnctcatn	cactgggtgt	ggtcttggn	600
actctttnct	gtnccacatt	cgcgttggty	atgccatctt	tcaagttggt	cgntgcttcg	660
acgatgccga	gatacattac	attgaggggtg	gcgtgaaccc	cacctgtgat	tttgacatca	720
tcagcgagga	gctccgactc	aaggatatcg	agtttactga	aaaggctctc	gagaaccaga	780
agaagaagag	cogtatgggt	ggtcagagtc	tggagcagaa	gaaggctgtg	caagatcaag	840
ccacgcttga	gaaggttcta	gcctggctca	acgatggcaa	ggatgtccgc	aagggcacct	900
gggggccccaa	ggagattgag	gtcatttaacc	ctctcttctt	tctgactgcc	aagcccgctg	960
tctaccttgt	caacttgtct	gaaaaggact	tcctccgcaa	gaagaacaag	catcttccca	1020
agattgtcga	gtggatcaac	gagaatgcca	agggcgaccc	tctcattctt	gtctccgttt	1080
cttaacagagtc	tcgtctcact	ttgtgcgaga	ccgangctga	agctaaggaa	gagcagaaaa	1140
atgcgggtgc	cgactctgtt	ctgcccaagg	tcattcttca	natgcgaaaa	acctgcagct	1200
tggcagcttc	ttcacagttt	ggacctgatg	aagtcgcaca	gtggaccatc	cgccatggcc	1260

ccaaggccct caggcgccgg tgtcttcnncn acaatttcaa aaaaacttca tcca

1314

<210> 66
<211> 1877
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(1877)
<223> n = A,T,C or G

<400> 66
ccatgcccg tgacacagag ttcaacaccc gcttcagctt ctgggggtgga aacctgaccc 60
tcgtctgtgt caacggtacc gttcccgctt ggagaatcga cgacatggct actcgaatta 120
tqccqcttt cttcaaaatt aatcgaatct ttgaggagga acccggcac aaattttcct 180
cttggaactcg tgacagagtag ggctttgccc agacctacgc ccaagagaa cagaaaaagg 240
tcaacttttg tgttgatgtt cagcacgacc acaagcgcca tattcgtgag tctgccgcaa 300
agggaaaccgt catcctcaag aactctggct cgttcctct caagaagccc aaattccttg 360
ctgtcatttg tgangacgtt ggcccccaatc ctgccggctc caacggttg gcgcatcgtg 420
gatgcaacaa cggcactctt gccatgtcat ggggttcttg aacctctcaa tccccctacc 480
tcgtcacccc cgatcaagg atttogetcc aggcatttca ggacggcagt cgatacgaga 540
gcctcctcaa caacaaccag tggccccaga cacaggctct catcagccag cccaacgtca 600
ccgtatctgt ctttgccaat gccaatgctg gcgagggtta catcgaagtt gatggcaact 660
acggtgaccg caagaacctc actctgtgga accaagggtg tgagctcatc aagaacgtct 720
ccgccatctg ccctaacacc attgtctgtc tccacaccgt cggccccgtt ctgctgaccg 780
aatggcacia caacccccaa atcaccgcta ttgtttgggc cgggtgttcct ggacaagaga 840
ctggtaacgc catcgtctgac atcctctacg gcaagactag cctggagct tccgtcttta 900
ccgggggccc cactgccaag agctacggca ctgaggttct ctacaaggcc aacaacggcg 960
aggggtgctc ccaagaggac ttcactgagg gtaacttcat cgactaccgt cactttgaca 1020
aacaatcccc tagcaccaac ggaaagcgag ctaccaacga ctctgctgcc cctctctacg 1080
agtttggtt cgggtctgtc tggaccacct ttaagtactc tgacctcaag gtcgagctctg 1140
tcagcaacgc ctcttacagc gccctgtctg gaaacaccat tctgcccc agctacggca 1200
acttttagcaa gaacttgga gattacaagt tccctgctgg cgtccgatac atttacaagt 1260
tcctctaccc ctctcctaac acctcttctt cggcccaaga ggcttccaac gacattgagg 1320
gtaacttttg tgacaccgcc gacgagttcc tccctcccaa cgctctcaac ggctcatctc 1380
agccccgtct cgtttctggt ggtgtctctg gcggcaaccc tcaactttgg gatgtccttt 1440
acactgtcac cgcgaccatc accaacactg gcgatgccac ttctgacgaa gttccccagc 1500
tgtacgtcag ccttggtggt gagaaacnaac ccatccgtgt cctccgtggt ttcgagcgtc 1560
tcganaacat cgtcctggt gagagtgcc cattcacgcg tcagcttact cgtcgtgac 1620
tgagcaactg ggacgtcaat gccanaact ggggtgatcac cgatcacgcc aagaanatct 1680
gggttggttag cactctctgc aatctgtctt cagcgtgaa ctgtagtga aaatggattg 1740
atgggatatg tttcttgaag ctgaaagggt gtctacggat atgtaaacgg tagaataact 1800
ttgtgccagt cagctcaatg gccagcataa ttattttgac aaagcgtgaa aataaatttt 1860
tcgttcatac atatgat 1877

<210> 67
<211> 864
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(864)
<223> n = A,T,C or G

<400> 67
gacatgggtt ctcgagaaga ccgacaacaa gggcganatt gccaaagcact ttgttgcctt 60
ctccaccaac gaggaggagg tgaccaagtt tggcattgac agcaagaaca tgtttggtt 120
cganagctgg gtcggcggtc gctactctgt ctggagtgc attggtctga gcattgcctt 180

ctacgttggc	tttgacaact	tccacaagtt	cctcagcggg	gctcacgcca	tggaacaagca	240
cttccgcgag	actccctca	gggacaacat	ccctattctt	ggtggcctcc	tgagcgtttg	300
gtactctgac	tttttccagg	cccagactca	ccttggttgc	cctttcgacc	agtacctcca	360
ccgattcccc	gcctacctcc	aacagctctc	tatggagtct	aacggcaaga	ctatcacctc	420
tgatggatct	tccgccaagt	acaccactgg	tcctatcctt	ttcggagagc	cttgacacaa	480
cgctcagcac	tccttcttcc	agcttggtca	ccagggcacc	aagctgatcc	ctaccgactt	540
catcctcgct	gccaagtccc	acaaccccg	cagtgcacaac	cttcaccaga	agatgcttgc	600
ctccaactac	tttgcccaag	ctgaggctct	catgggttga	aagactgatg	agcangttcg	660
cgccgagggg	gccccgagg	agcttgctcc	tcacaaagcg	aatcttgggt	aaccgacctc	720
caacctctat	tctcgttggg	ggtgccattg	gccccgccga	attgggtgct	ctggatcgct	780
tactacaagc	acctcaacct	taactgaggg	tgctattttg	ggacataaac	agcttcgaac	840
agtggggggg	tcgagctggg	caaa				864

<210> 68

<211> 1023

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1023)

<223> n = A,T,C or G

<400> 68

ccgcactgct	atgagtgtcc	tcctccacgg	tgacgctgcc	tttgcctgct	aggggtatcgt	60
ctacgagtgc	ctcggttccc	actctctccc	tgcttctccc	actggaggta	ccatccacct	120
ggttggtcaac	aaccagattg	gtttccacaac	cgacctcgt	ttcgcccgat	ccaccgccta	180
ctgtaccgat	atcgccaagg	ccatcgacgc	ccccgtcttc	cacgttaacg	ccgatgatgt	240
cgaggccgct	aacttcgtct	gccagctcgc	tgctgactgg	cgtgccgagt	tccagcacga	300
tggtgtcatt	gatctcaact	gttaccgaaa	gtacggtcac	aatgagaccg	atcagccttc	360
tttccccag	ctctctatgt	acaagcgcct	caacgccaa	gagcctcaaa	ttgacatcta	420
cgtcgataag	cttatcgagg	aagggtcttt	ctccaagggg	gatgtcgagg	agcacaagca	480
gtgggtctgg	ggtatgctcg	aggagagctt	caccaagtcc	aaggactaca	caccacctc	540
caaggagtgg	accacctctg	cctggaaagg	cttcaagtcc	ccaaggagc	tggtaccga	600
ggttcttggc	accagcgaga	ctaacgtcaa	gcccactact	ctcgagcata	tcggtaatgc	660
tattggaagt	gttcccgang	gcttccaagt	tcaccgcaac	ctgaagcgta	tcctaagcaa	720
ccgaaccaag	tctgttgttg	aaggtaagaa	catcgacttc	ccaccgccga	agctctgggt	780
ttcggtactc	tcgttactga	aggttaccac	gtccgtgtct	ccggtcanga	tgttgancgt	840
ggtactttct	ctcagcgcca	cgtctgtctc	cacgaacagg	anactganga	tactcacact	900
cctctccaga	accttagcca	agaacaaggc	aagtttgtga	tctccaactc	ttctctganc	960
gantttgggt	ccttgggttc	naatacgggt	actctctgtc	atctcctcat	gctcttgtca	1020
tgt						1023

<210> 69

<211> 1032

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1032)

<223> n = A,T,C or G

<400> 69

cgaaagaaca	ccttccacga	gaagltccag	gaggcggtga	tctcttcttt	catctccact	60
ttcgctactc	cctcatttgg	tgaggtcggt	cctgagacct	acgctggcta	catgtccgct	120
ggtattcccc	ttgcctacat	cttctctgag	accgaggagg	agcgcaagga	gctcggcgag	180
gacctcaagc	ccatcgctga	gaagtacaag	ggcaagatca	acttcgccac	tattgacgcc	240
aaggctttcg	gtgcccacgc	cggtaacctg	aacctcaaga	ctgacaagtt	ccctcttttc	300
gcatccagg	agggtgtcaa	gaaccagaag	ttccctctcg	accaggagaa	ggagatcacc	360

cacgacagca	tgcceaagtt	cgttgaggag	ttcgacgctg	gcaagattga	gcccagcatc	420
aagtctgagc	ccatccccga	gacccaggag	ggccccgtca	cagttgttgt	cgccaagagc	480
tacaacgaca	ttgtccctga	cgacaccaag	gatgtccctta	ttgagtttta	cgctccctgg	540
tgcggtcact	gcaaggctct	tgctcccaag	tacgacgacc	ttgcttctca	gtacgccgct	600
tctgagttca	aggacaaggt	tgctcatcgcc	aagggtgacg	ccacctgaa	cgacgtcccc	660
gatgagatcc	anggtttcct	taccatcaag	ctctaccccg	ntggtgccaa	ggacgtcctc	720
gttacttacc	agggtctctg	taccatcgag	gacctcgcca	acttngtcaa	ggagaacggc	780
aagtacaacg	ccgagctctc	catcaaggag	gagggtaccg	aggaggtgc	ccccgccgcc	840
agtgaggaga	agaaggacga	gaaggccgac	gaggatgtcc	atgatgagct	gtaaagaatt	900
catgtcgcat	tgttagtata	caaaatgggg	tataactgat	ttcatgggcg	cgggttttta	960
tggtgctaag	atcttatcgc	acctcttagg	tatttagttc	tcgtggcaat	gggactgttt	1020
catgacttga	ct					1032

<210> 70

<211> 563

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(563)

<223> n = A,T,C or G

<400> 70

gggtaccaag	ctcttctgta	tctctggcca	cgtaacaac	ccctgcaccg	ttgaagagga	60
gatgtcaatt	cccatgcgtg	agctgatcga	taagcaactgt	ggtggtgttc	gaggtgggtg	120
ggataacctt	ttggtgtgca	tccccgggtg	ttcttccact	cccgttcttc	ccaagagcgt	180
ctgtgatgac	cagctgatgg	actttgatgc	cctcaaggat	agccagctctg	gtctcggtag	240
cgcgcgtgtt	atcgctcatg	ataagagcac	cgatattgtc	cgagctatta	gccgtctcag	300
ccactttctac	cgtaacgaga	gttgtggcca	gtgcacacct	tgccgagagg	gtagcaagtg	360
gacagagcag	ataatgaagc	gattcgagaa	gggtcangct	cgtgagcgtg	agattgacat	420
gcttcangag	cttaccaagc	aggggtgagg	tcacactatt	tgcgctcttg	ggtgangntt	480
ttcgnctggc	ctattcangg	nettatccga	catttttcgac	ctgagcttga	ggctcgtatg	540
ccaaaagtcg	ttaaggaaaa	cgc				563

<210> 71

<211> 595

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 71

tcagggtatac	cagggtttacc	ataacgggttt	gacntatccc	aaaagcagca	tcgagctgac	60
ctaacggaat	cggcgggcgt	gtctacctga	acagtaaggg	cgccgttttt	acagctaaaa	120
tcgtgcttcc	tgaaactgtc	aaaaacaaag	actcggtctc	tactccctat	atctattctg	180
gcttttagggc	aacaaggcga	actgaagccg	atatcgggct	tcagtaagag	aaacaataca	240
aggtctggaa	gccccctcatg	aagggtgggt	ccaaaaatga	agaaacgtac	atcgaaggaa	300
aagacaaaatt	cacatacaat	aaaggcttcc	gccctggaag	cacagtccaa	atgacaatct	360
ataaaaaattt	aagcggcaat	acgcgcgatga	ccctttgggg	aacgaacaat	gacggctaca	420
cgggacggat	tatcacagaa	attcaaggaa	ccaacatcgg	cacgatttca	aaatggaaaa	480
cacttgctac	cgcggntgtt	tcgtntgaaa	gccagcgtga	tgccgatcaa	aaqcaacctt	540
ttctgacctt	tttttaacaa	catttcttnt	cgcacaataa	agcccgccct	tcttg	595

<210> 72

<211> 905

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(905)

<223> n = A,T,C or G

<400> 72

ctcctatttca	cgatgggtag	agttatttgc	aaccagecgt	agggtcgtgg	atccatcttc	60
acggccaaca	cgcgcttgaa	caaggctccc	gccaagttca	gaaacctcga	ctatgccgag	120
cgccacggat	accttcgagg	tgtagtcgc	gagattgtcc	acgatgctgg	tcgcggtgct	180
cctctcgcca	aggctgtctt	ccgccacccc	taccgattca	agcagactac	cgagaccttc	240
atcgccaacg	aaggcatgta	caccggccag	ttcatctacg	ccggaaagaa	ggctgctctg	300
accgtcggca	acgtcctccc	cctcggtgag	atgcctgagg	gtaccgtcgt	ctccaacgtc	360
gaaganaagg	tcgggtgaccg	tggttctctc	ggccgaacct	ccggcaacta	catcaccatt	420
gtcggccaca	acctgatga	gggcaagacc	gcataaagct	cccatctggc	gccaaagaagg	480
tgttccactc	cggancccca	agaatgatcg	gtatcgtcgc	tgggtggggg	cgaactgaca	540
agccccctct	caaggcttct	cgtgccaaag	acaagttcgc	tgtcaagcgt	aacagctggc	600
ccaagactcg	tgggtgttgc	atgaaccccg	tcgaccatcc	tcacggtggg	ggtaaccacc	660
aacatattgg	taaggnttct	acctctcccg	atacgccgcc	caagggtcaaa	aggccggtct	720
tattgccgcc	gcagaacggg	tcttctnccg	tggtaaccaa	aagacaaaagg	agtaaagtgtg	780
tggcttgggt	tcattggtctc	attgggatgg	tgtttactgg	gctgcttgca	tctattgaag	840
gtactgccaa	aancagatgg	ctggtagctn	aanaaggcaa	gcactatggc	attttggcgc	900
aaaaa						905

<210> 73

<211> 1043

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1043)

<223> n = A,T,C or G

<400> 73

gcgaaacgac	atccgtgtct	ttttctgcaa	gtacaacgac	cccatthtatg	tcaaggttac	60
aaagctggaa	ctcatattta	tgcttgctac	tgaggataat	attgatgagg	tgttgacgga	120
actgcgagag	tatgctactg	aaatcgatgt	ccactttgtg	cgcaaggcgg	tgcgcgccat	180
cggtaagctg	gcgatcaaga	ttgaaccagc	ggcacgacga	tgtatcaact	tacttctcga	240
gcttgtgggt	accaagatta	catatattgt	gcaggaagcc	acagtgggta	tccgaaacat	300
cttccgaaaa	taccccaacc	aatacgaatc	catcatcagc	actttgtgcg	agcacctcga	360
ttctctggat	gagcctgaag	ccaaggcagc	tatggtttgg	gtaattgggc	agtacgcaga	420
ccgaatagag	aacagcgatg	ctttgttgga	agaacttcta	tactcatttg	cggaggagcc	480
tgttgagggtc	cagcttgctt	tgtcactgg	tacagtgaag	ctcttcattc	agcgacctac	540
caagggacag	gagttgggtc	cgaagggtct	tgaagtnggg	caacagagga	gactgccaac	600
cctgatcttc	gagatagagc	gtatatgtac	tggcgtctct	tgtcaacaga	catgaatgca	660
gccaggcaaa	ttgtcatggg	agagaagcca	gccattacgg	ctgagtcgga	gagactagac	720
tcagcgacac	tggaggagat	gtgcctgaat	gtaggaacac	tagccaagggt	ctatttgaag	780
cgggtgcaga	ccgttttcag	atctgctcga	ccacgcacac	ttcaagactc	tccqgcqttg	840
cagaagcaaa	acctccttgt	tgcgggagac	agccagaaga	ntatcacatg	tttggtaatg	900
ctggagcagc	gaaggatata	gaacccaagga	ccgaaacccc	atgtcgggtg	atgtcagggg	960
aacctcgenc	aggccgtcag	cgacgccgat	cctacttctc	gggggatcgg	ggacccacca	1020
gatgaagcca	atgcntgggtg	atc				1043

<210> 74

<211> 1084

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1084)
 <223> n = A,T,C or G

<400> 74
 aacacccaag tcgtcgttga gccaataccg tcaagatggg aagttgaggg ctatcgaagg 60
 ggggttttct tgcaaaggag cttccttgat gttttccatt ctacggcaga aatgccaat 120
 gctcttgga gagtcaacgc aagatgcttc ggaagaagag caacatccca agtcgtcgtt 180
 gagccaatac cgtcaagatg cttttccaca agttgggtcaa gaacagcgcg tactacagtc 240
 gctaccagac taagtacaag cgccgccagc agggcaagac cgattactac gcccgaaagc 300
 gccttatcac ccaggccaag aacaagtaca acgcccccaa gtaccgcctg gtcgtccgct 360
 tcaccaacaa ggacatcatc tgccagatcg tcacctctga gatcactggc gacaaggctc 420
 tcgtctctgc ctacgctcac gagtcaagg cttacgggat cgagcacggc ctcaccaact 480
 gggccgctgc ttacgctacc ggtctctctg tcgcccgcg tgccctcaag aagctcggcc 540
 tcqatqaaa ctttactggt gttgaggagg ctgatgggga gtacaagctc actgaggccg 600
 ccgagaccga cgatgggtgag cgcgcgcctt tcaaggctct ccttgatgic ggtctgaagg 660
 gaacctccac cgggtgccctg gtcttcgggtg ccatagaagg tgccctctgac ggtgggtatcc 720
 tcgtcccccac tccgaaaanc gtttccctgg ctacnatatg gagaaccaag gactcgacgc 780
 cgacacctcc gaaatacatc ttccgtgggc acntcgtctga ntacatggan acctcccgat 840
 gacaataaga nctttcccat cagttccaaa attttcagac aacnacgttg aggtgaggg 900
 tcttgaggac ctttaccacg aggcccatgc cgccatccgn gaggaccctt acaagaaggc 960
 cgagagcgac gctcccaana aaaccaagga ggagtgggan gagatctcca agaatacagg 1020
 aacaagaagc tcaccanagg angaaaagga naagcgtgtc caagaacca ttcaagaaaa 1080
 tatg 1084

<210> 75
 <211> 2242
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2242)
 <223> n = A,T,C or G

<400> 75
 agcgacaatc aaagctcant cgggtagctn catctngtna cttttgccgg tcagcctttt 60
 attagtcgtt tttgctctcg ccatacatcac atccttcccc cgccattgct atatcctccg 120
 agcataactg ttcatacatg cctacgatca gtacaaccag aacctttacc agcagggccc 180
 agctcaggaa agctctcatg gttacagcca gaccaatcca tatgcgcaag atgcgccagc 240
 ccattggcaac aaccaatatg agatgcaaga ttactcgcaa caagctcctg ctgccagctc 300
 aagtctttcg caacaggaat tctaaaaccg cgtccagaag cttcgcgatg agattaaggg 360
 totgaccact gacattgatc acattgggtg gcttcattcg cgaactctcg gcagcactga 420
 tgggtccgca aaccacgagc tcgagcagta tgtctctcag actcagattc gcaacactgc 480
 catcaaggat ggaatcaagg gactagagcg cgatcttgca aagaccaatg acagctctcg 540
 caaccacaaag aacacccagt tgcaatctct caagaccttc ttcaaatctg agctcgacaa 600
 gtaccagagc gtcgagcgcg attatcagca acgataccgt gatcagattg ctgctcagta 660
 ccgtattgtc aaccccgatg catccgaaga agaagttcaa gaagccgcca atgccgattg 720
 gggtaacgag ggtgtctctc aaactgctct gcgaaacgaat cgcaccggac atgccagctc 780
 cgtgcttggt aacgttcggg ccggtcaccg cgagctccag cgtatcgagc agactctctc 840
 cgagcttggt atctctatc aggagcttgc cactattggt gagcagcagg agcccgttgt 900
 tcaggccgccc gaacaaaaag cgatgaacac taacgagcac atgattaaan ggcaacgagc 960
 aagtcgaagt tgccaagaag cagccccaa gaccccgcta agctcaagt gagggcgctc 1020
 tcgaagctct acttattatc atcgcatgcc gccacggntg gtgtngtgac aangtaacac 1080
 caacataaca tctagaagat cgaggctctt gttgaacatg cctttgggtc tttcgtgaag 1140
 gggccagttg atggtancaa tatcacactg agcgagcctc tctcaagag tgtcgacgcg 1200
 gcggcagcca ntctctctct cggctctcaga agaaaggggc tggtagtcga agtagagaag 1260
 ctctctgcat tcgaaaggct tgaagacggc ggagacacgt caccgatgcg gccgacagcg 1320
 acagtaccga caaccttgcc ctcaagatca aactcctggt agcagcgtgg gcgacatccc 1380

attcaccagc	ctcaatctgt	tctgtgggcag	ggacgaagtt	gcggatgaga	acgaggatgg	1440
tcatgagaac	gtgctcagca	acggatacga	cgttggagcc	agtgacctca	gcgacggtga	1500
taccgccgtt	ggttgtgttg	gcagcggttg	ggtcgacgtg	gtcggagccg	ataccagcgg	1560
taacagcaag	cttgagcttc	ttggccttgg	ccagacgctc	agcggtcagg	taaccggggg	1620
ggaagggagt	ggtgatgata	atctcagcat	ccacgagctc	ctcgtcgaac	ttggaaccct	1680
cacggtcctt	gtcggaaagt	gtgacaagag	tgtgaccttg	gtcctcgagc	cacttgcgga	1740
tgccgagctc	gttctcagtg	gttccgagaa	ggaggggttg	atccttggcg	tgctggccac	1800
cgctcgtagag	aactgcaaga	accttgacca	ttttggcggt	tgtgaaaagg	gttgtttgtt	1860
ttgttggaaa	ggtgagaaga	aggaagaaag	atgatgatga	tgatgagagt	gaggaggaaa	1920
gaaagtagaa	tatcgagggt	ccaatgccag	atatttatgc	tctcgatgga	acaccatgac	1980
tatgtgtctt	gtcaccaagt	aacgggcacc	cagtgtgtaa	cggatgccct	ccacacgagc	2040
aacacggaaa	cagccaagga	tccacatctc	acacactgca	gtgcaatgaa	tggattgtgc	2100
atgttcgcca	tgaacggnat	agnaccgctg	gcccggtcga	ggtcgcccaa	gactngctcc	2160
cccaccctaa	caagggattt	cccttcgggt	ccccgaaatc	ccaaacctgn	tggncctttt	2220
aaccaagaa	ggggcnaggg	gn				2242

<210> 76

<211> 1131

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1131)

<223> n = A,T,C or G

<400> 76

cgccgccttt	caaaacatca	ttcgagtttg	agccctcttg	aaagntnttg	tcaancgaat	50
acccaccaac	aagcaacgct	tttttcagca	ccccgcttgt	ttacatcttt	cgcacctgtc	120
gctacaacac	cacagacaca	accatcaaaa	tggttgagca	gcagacccct	accttcaagc	180
tctgtcttgt	cggtagcggt	ggtagcgga	agaccacctt	cgtcaagcgc	cacttgactg	240
gtgagttcga	gaagaagtac	atggccaccc	tcggtgtcga	ggttcaccct	cttggcttca	300
ccaccaactt	cggtcagatt	cagttcgatg	tctgggatac	cgccggtcag	gagaagttcg	360
gtggtctccg	tgacggttac	tacatcaacg	gccagtgccg	tatcatcatg	ttcgatgtta	420
cctcccgtat	cacctacaag	aacgtcccca	actggcacccg	tgatctcgtc	cgagtttgcg	480
agaacatccc	catcgttctc	tgcggtaaca	aggtcgatgt	taaggagcgc	aaggtaaggg	540
ccaagaccat	cactttttcac	cgaaagaaga	acctccagtc	tacgatatct	ccgccaagtc	600
taactacaac	tttgagaanc	ccttcctttg	gctcgcccg	aagcttgctg	gcaacccttc	660
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cctggaagga	gtaccgcaag	gagatggacg	aagccgcccgc	catgcctctg	cctgggtgagc	780
tttccgacga	cgatctgtaa	atgactcgtg	cgttcacgga	ataactttcg	ttgaggagga	840
tgtgtggcaa	gtgtccaagg	aacggtgcat	tgggcagtgt	ttgaggatgg	cacataggca	900
gcgggaacga	tcatttatga	gtacaggacg	gaagtnctgg	agtttacagc	aqcqtgatta	960
tggggcgcca	caaaagactg	gccgtcatgc	ctctcttttg	gggttacaag	ggacgggtga	1020
ctgcaaagag	cagtgtctta	tttagtttag	ctagacttcc	tccaccaaaa	caataaacag	1080
ggccaagttt	gcgtggcttg	gctaagacag	cgaactttga	ccctttgatg	g	1131

<210> 77

<211> 1264

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1264)

<223> n = A,T,C or G

<400> 77

ccgagaatct	ttctgtatat	taatcctccc	tgatactact	cctccatcta	aatatttcat	50
ctcttctctg	ctttgtcttg	cgcattatac	ccagtcctca	acttctttac	tacatcacac	120

tcagttacat	catagcaaaa	atgggcggtca	ccgaccgcat	tattcagatt	ggaggccaga	180
tctctggtaa	cccgaccgct	ggcgggtcgtg	agaagatcct	acagaagaac	cccgatgata	240
tcgtcgtcac	cgccgcctgc	cgaagcgcgt	tcaccaaggg	aggccgtggt	ggtttcaagg	300
acacacacgc	tgctgatttg	atggccggag	tcctcaaggc	tatcctcgac	cgttcaaaga	360
tcaacccccg	cctcgtcgag	gacctgtgtg	tcggaactgt	gctcgcccc	ggtggtggtg	420
ctactgagat	gcgagctgcc	agcttggtcg	ccggtttccc	agagtccatc	gccgtccgaa	480
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agactggcat	gatcgatatt	ggtatcggtg	ctggtgttga	gagcatgtct	atcaactacg	600
gtcctggcgc	tgctcgtgag	ttctccgagg	aattcgagaa	ggtccctgag	gctgccaact	660
gcaaggtccc	tatgggtggt	ctgtccgagc	agatggccaa	ggatctcggt	atcactcgac	720
aggcgcaaga	tactttcgcc	gccgcacat	accagaaggc	cctcaaggcc	caaaaagagg	780
gtctctttga	tgaggagatc	gtccttttca	aggccaagtt	cgaggacaag	gagggttaaca	840
ccaaggaaat	cactgtctcc	aaggatgatg	gtgtccgaga	aggcatcacc	gtcagatccc	900
tcggcaagat	ccgcctgcc	tttgctaagg	acggatctat	ccacgctggt	aacgccagtc	960
agatctccga	tggtgccgct	gctgtttctc	tcataaagcg	atctaccgct	ganaagctcg	1020
gacagaaaaa	tatcggaag	taagttctgg	cctcaattgt	cggtgtcaag	ccctctctca	1080
tgggtcangg	gccccggaaa	gtatctccct	aggctctcga	cctctctggt	atctccaagg	1140
atgatttcaa	ccttttggag	atttaacaag	gcttttgcca	gcctttgctt	gtggctcgcca	1200
caactgggtt	ccccnaaaa	aattanccca	nggaagtgcc	ntgccttggt	cccccttggt	1260
gtgn						1264

<210> 78
 <211> 876
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = A,T,C or G

<400> 78						
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ttggaagatg	aagcttgcc	tgtgccgtgc	cgtctttgag	gctcccagata	ttctgttgc	120
tgacgagcct	accaaccatt	tggatgtgaa	gaacgttaag	tggctcgagg	agtacctcaa	180
gaactctgct	tgcacttcta	tcacgtctct	tcacgactct	ggtttccttg	acaacgtctg	240
ccagcacatc	gttcaactac	agcgattcaa	gctcaagcgt	tacaagggtg	acctggctgc	300
tttcgtcgcc	cgcaacccct	ctgctaagtt	ctactacgan	cttggcgagt	ccgagatcga	360
attcagcttc	cccgagcccg	gtttccttga	agggtgtcaag	aacaaggcca	aggccattct	420
ccgtgccacc	aacatgtcct	tccagtaccc	cggtagctcc	aagccccaga	tcagcgacat	480
ctccttccag	tggtctctgg	gatctcgtat	tgccgttatt	ggtcccaatg	gtgctggcaa	540
gtctactctg	atcaacgtcc	tcactgggtg	actcatccct	acccaagggt	gagatctacc	600
agcacgagaa	catccgtatc	gcctacatta	aqcagcacgc	tttcgctcac	atcgataacc	660
acctcgacaa	gactccttcc	gagtacatcc	agtggcgatt	ccagactggt	gangatcggt	720
agaccatgga	ccgtgccaac	aagatcatca	ccgaagctga	tganaaggca	tggacaaggt	780
ctccgcattg	aaggtaccag	cgactgtcat	tggtatcaac	agccgaanaa	antcaagaat	840
ettacaatac	aatgttcttt	cccccccggn	gaaaac			876

<210> 79
 <211> 822
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc feature
 <222> (1)...(822)
 <223> n = A,T,C or G

<400> 79						
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tgteccggacc	caggtcggag	agtccttga	gtactccaat	gagaccaaga	agcgaaactt	120
cctcgagacc	gtcgagcttc	agatcggcct	gaagaactac	gacccccaga	gagacaagcg	180
tttctccggc	tccatccgto	ccccctccat	tcctcgcccc	aacatgtcca	tctgcattct	240
cgggtgaccag	cacgatatcg	atcgtgccaa	gcacggtggt	gttgacgcca	tgtctgctga	300
tgacttgaag	aagctcaaca	agaacaagaa	gctcatcaag	aagctcgctc	gcaagtacga	360
tgctttcgtc	gcttccgagg	ctctgatcaa	gcagatcccc	cgtctcttgg	gtcctggtct	420
gtccaaggcc	ggaaagttec	ctacccccgt	ctctcacgcc	gatgatctca	ctggacgtat	480
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ttccatgtct	ccccccaagc	gcctgtacta	agtgtgtttc	tttggccttc	gcctgagatg	720
gttcggcaat	tgagttcgct	gaaatgtgga	cggtagcgta	gactaggatg	gcaggaaaaa	780
taaacaatac	gagacaaacc	acnaaaaaaa	aaaanaaaaa	aa		822

<210> 80
 <211> 987
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(987)
 <223> n = A,T,C or G

<400> 80						
tgaggacttc	actatgtcca	tcacccgtgc	ccgtttcgag	gacttgaacg	ccaaggcttt	60
ntctggcacc	atcgagcccg	ttgcccaggt	cctnaaggac	gccgntatcg	anaagaaggc	120
cgtcgacgag	attgtccctcg	tnggtgggttc	taccogtate	cccaagatcc	agaagcttct	180
gtccgagttc	ttcgatggca	agaagctcga	naagagcatc	aaccccgatg	aggctgttgc	240
ttacgggtgcc	gcogtccagg	ccggtntnct	ctccggaaag	gccacctccg	ntgagaccgc	300
cgacctcctc	ctcctngatg	tcgttccctct	gtctctcggt	gtcgccatgg	agggtaacat	360
cttcgcctcc	gttgttcccc	gtggtaccac	ctgccccacc	ctcaagaagc	gaaccttcac	420
cactgttgcc	gacaaccagc	agaccgttca	gttccccgct	taccagggtg	agcgaaccaa	480
ctgtgaggac	aacaccagct	tgggtgaatt	cacttttgtc	tctatcccc	ccatgcgcgc	540
cgggtgagge	cgctctcgag	tgtgtcttcg	aggctgaatg	tcaacggtat	tctcaaggct	600
actggttccg	agaagacctt	ccgggcccgg	cgccatcatc	accatctcca	actccgtcgg	660
aaagctcacc	accgacgaga	ttgagaagat	ggtcaacgag	gctgagcagt	tcaagagcaa	720
cgatgatgct	ttccagaaga	agttcgaggc	taagcagcag	ctcgagtcct	acattggccg	780
tgttgaggag	atcgtcttcg	acccactctg	tccttnaagc	ttaagcgtgg	ccagaaggag	840
aagatcgaga	gcaccatctn	tgatgccatg	gncggctctg	agacaacgag	agcccgtga	900
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atgcncaaaa	ttgttgggat	tgannng				987

<210> 81
 <211> 650
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

<400> 81						
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ccaagcttct	caaagaggac	gaaatccaga	ctgaataccc	atcgacaccc	gaogatgagt	120
atgtgactga	gaaaggcttt	cagcctactc	tccttgccga	gtatactcgc	ttgtctaatg	180
cactggccct	gtttcgtgcg	acgcgaattc	ttgccaaagg	actagagaag	aactaccccg	240
cctcaagctc	ctacgagata	tctcttcaac	agatggcttc	tcttgagagt	gagctggatg	300
cttggtagca	tcagctgcct	tctcatctga	gactcaactt	tgttcaagac	aaaccgtcaa	360

cagatgtgac	tggcagtcgc	tgcctcttat	tagctctggc	ttattactac	atccgcacgc	420
tcattctatcg	tcctgccgtg	ggctccagtc	taggttccaa	ggcggcatca	gccctgatat	480
caatcggatc	atcgagtaag	cacatgggtc	agattcttca	gctgcttgaa	gagcgtggca	540
tgactttctc	attctgcctg	aacaagactg	atctactggg	tgatctgcgg	catgacgttg	600
ctctaccact	caattgatct	caaacaagac	agtaagataa	tgcgcgagnc		650

<210> 82
 <211> 1037
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1037)
 <223> n = A,T,C or G

<400> 82						
gctcgacact	tttccacctc	ttcattcacc	accggctcctg	tctcaaagca	aaagcccgac	50
atggcctcca	actacaccgt	cgcgaagggt	tgcggctccc	aacaccctcg	agcaccgagt	120
ctacatcgag	aaggatggac	agcccgctctc	tcctttccac	gatattcctc	tctatgccaa	180
ccaggagcag	actatcctga	acatggncgt	ggagattccc	cgatggacca	acgctaagct	240
tgagatctcc	aaggaggagc	ttctcaaccc	tatcaagcag	gatatcaaga	agggcaagct	300
tcgatacgtc	cgaaactgct	tccccacaa	gggttacctg	tggaactacg	gtgccttccc	360
ccagacctgg	gaggacccca	acactgtcca	ccccgagacc	aagggaagg	gcgacaacga	420
tcctctcgat	gtctgcgaga	tcgggtgagct	cgtcgggtac	ccccggtcag	ataaagcagg	480
tcaaggncct	cgggtgctatg	gctctnctcg	acgaggagga	gactgactgg	aaggctcattg	540
tcattgatgt	caacgacctc	ctcgttttca	agcttaacga	cgttgaggac	gttgagcgac	600
acctggccgg	ncctttccgt	gccaccaaag	agtgggttcc	gtatntacaa	gaattcccga	660
tggcaagccc	gagaacaagt	ttgccttaac	tggcgagtg	aagaacaagg	actacgctct	720
tgacgttgtc	cgcgaagtgc	gcttgaggct	tgggagcgtc	tcgtaactgg	caaaaacccc	780
tctggcgggtg	tttccaccaca	aacgtcaatg	gcagcaatct	cttctcgcgt	aagcctgaca	840
agctttcttct	ctgcttgcta	aaaaggagct	ccgcgcgaga	agatcgacgc	ttcattgaca	900
agtgggtctt	cacacgcgg	gcctctgctt	aagtgttata	gaccatcttg	cataaaaaag	960
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taaaacattg	atgcccc					1037

<210> 83
 <211> 871
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(871)
 <223> n = A,T,C or G

<400> 83						
cgtgaacttg	gcctcgagtc	tgacggcaag	gataagcttg	tcgaaaagtt	caaggagaag	50
gcaaacatc	ttgcatgcc	cgaagctgta	cgcaaagtct	ttgacgagga	gcttaacaag	120
cttgcctcct	ttgaaacccg	tgccttcgag	ttcaacgtga	caagaaacta	tctcgatttg	180
cttaccocaaa	tcccttgggg	caggaggagt	gcccagaaact	ttggcattca	tcacgctgtc	240
aagatctttg	atgaggatca	ccacggctctg	aaggatgtca	aggaccgcct	tttggagttc	300
atcgccgttg	gtaagcttcg	aggcactgtt	gagggcaaaa	ttctctgctt	tgctgggcct	360
cctgggtgtg	gtaagacgag	tatcggaaaa	tctattgtct	gtgctctcaa	ccgagaatac	420
taccgattca	gtgtccggtg	tctcacgcat	gttgcttgag	atcaaagggt	caccgaaaga	480
acctacgttt	gggtgcctgc	ctggctcgat	gatccaaagt	ttgaagaaat	gtcaaaactga	540
gaaccccttt	gatacttgat	tgacgagatc	cacaagaatg	gtagaggtta	ccaagggtgat	600
ccttcacctcg	ctcttgctcg	aattgtctga	accccaagca	gaacaactcc	ttcttggtatc	660
actacatgga	tgtgcccgtg	gacttatcca	aggttctgtc	gtgtgcactg	ccaacatgac	720
aqacactatc	cctcgccttc	ttttggaccg	aatggaactc	atcacctctc	cangatatgt	780

cgctgacgan aagatggcca ttgntcaacg ctatcttgcc cctgtgntaa ggaactgggtg	840
ganttcaaaa gccgatncac ttttgagcga g	871

<210> 84
 <211> 844
 <212> DNA
 <213> Fusarium venenatum

<400> 84	
ccctcccaca accaactccg cccagatcaa tcaacaatcc gacaaaatgg cgcgccgtcc	60
cgctcggttg taccgatact gcaagaacaa gccgtatccc aagtctcggt tcaaccgtgg	120
tgccccgcac cccaagatcc gaattcttga tctcgccgca aagcgcgcca acgtcgatga	180
cttccctctc tgcattcacc tegtcttcaa cgagtatgag cagctgagct ctgaggctct	240
tgaggccgcc cgtatttgcg ccaacaagta cctgggtcaag aacaccggta aggaggggtt	300
ccacctccga gtcggtgctc accctttcca cgtcgctcgt atcaacaaga tgttgtcttg	360
tgcgggtgac gatagactgc agaccgggat ggtgggtgac tggggtaagc ccaaccggac	420
tgttgcgggt gtaaacattg gccagattct catgagcgct cgcactcgtg atgctaaccg	480
tgccatcgct ctcgaggccc tcgcgcgac tcagtacaag ttccctggcc gacaaaagat	540
cattgtctcc aagaactggg gcttccactcc tctccgacgt gaggagtacc ttgacaagaa	600
ggctgccggc cgcgtcaagg tcgacggtgc ttacgtccag ttctcttcca accacggttc	660
tcttgagcgc aacatccgtc gtttccccga cgttttcaag tctgaggctt aaaggaatga	720
ttgataggat ggaatatggg tttcttgccg tcaaaatggc ttgtcaaata aggacctctt	780
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cttt	844

<210> 85
 <211> 805
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 85	
tacgcaactg ggctatctat gcaagaaagc atcgctctca ggatcttccc gtggagaacc	60
tgacacatat tctttactcg ttcgctaata ttcgtagcga ctctggcgaa gtccatctca	120
ccgactcatg ggccgatacc gatattcatt gggatggaga ttcttggaat gatgtcggta	180
ccaacttgta cggttgcatg aagcagctta acctgttgaa aagacgtaac cgaaaacctc	240
aaggttcttc tcagtattgg aggttggaac ttcagtagca acttcaaggg ccccgctagc	300
acaccccaag gacgtgacac attcgccaag agctgtgtcg atctgatcaa gaacctcggt	360
tttgacggta tagatatcga ttgggagtag ccccaggatg ccaacgaggc tagaaactat	420
gtcgaacttc tgggcgcgct gcgtcatgag atggatgcat atgcacagac attgagccaa	480
ccttatcact ttgagttgac tgtggcctgt ccagccggtg cgacaaactt ccagaagctc	540
gatatccgtg gaatggatca atacctcgac ttctggaacc tcatggctta cgactatgct	600
ggttcttggtg accaaaactgc gggtcacacag gccaacctgt acccatctca cgacaacca	660
ntatcaacct cattctctac ctctgctgcc atcgactttt acgtcccagc ggtgtgaacc	720
ttcaaanata gttctcgcca tgcactcta cggccgaacc tttganaaca ccgacggtcc	780
ctgcgcctt accaaggctt ngaca	805

<210> 86
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

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<400> 86
acgcgctgca aactcatcga tctaggaaac ggcgatgatcc ctgctcttga aaaccgagcc 60
accccatcgc ttgccgataa caccaaactct ttcgaaattc tacttgccga ggacaacacc 120
gtcaaccaac gatttagcagt caagatcctc gagaaatacc accacgtggt aaccgtggta 180
ggcaacggct gggaagccgt caaagctggt caacgcaaga aattcgatgt cattcttatg 240
gatgtacaaa tgccaatcat gggagggttc gaggccactg gcaagatccg agagtatgag 300
cgtggcatag gaagccaccg cacacctatt attgctctaa cggcccacgc catgatgggc 360
gatcgagaga agtgcaccca ggctcagatg gacgagtatt tgtccaaacc tttgcagcaa 420
aaccacctca tccagaccat cctcaagtgt gctactcttt ggtgggccat gctcgagaag 480
aatcgtgaac gcgagtgggc ctccacgccg aaacgaaatc gaanataagg aagangccag 540
gcttgntgng accgacactn ganagccgng cttnacgagt cgnagcccta tggggaaggg 600
aagganagcc tgcattttgc accgggaa 628

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<210> 87
<211> 993
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(993)
<223> n = A,T,C or G

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<400> 87
cttgctccaca ccattctcttt ctccctcacc cgcgccttac gcgcgatctg tgtctactcc 60
agatttggaac gttgacttct gcgacccaag aaacttgact gtcggtactg gcgctatcaa 120
cagcactctt gctcctgagt tctgtgccga cgagatcaag gttgagccca agatcgcttc 180
tcagtcgttt gaattcaacc ctgctgctca cggcctcccc acctttgaag acttttccga 240
gtttgactct gaggacgact tcgtcaacag ccttgtaaac cttgctgagc agcctgccaa 300
cgcccttact gacattactc gacctcgtgc ctgcaccggt tcttcggttg tctctctcgg 360
ccacggtagc ttcatgggtg acaaagatct atcctttgac aanaacgaag ctttccaatt 420
tccttcccan cctagccctc ctccacactg cgcttccacc tgtgcttctg aagactgcca 480
ccagaaacaa gcgagtcaag aagtcccagt ccgaggagcg ccacactgct cccgccatga 540
acatcgctgc ttccgctgcc gactctggca acgcccagga gtcccccaac caggctgatg 600
agggtagcga ctctgggtgc tcctctgggt ccgagggttc tctgctctct ctccctgctc 660
ctgccaaacc ccgaggacgc aagcagtcct tcaccgagga tccctccaag actttgtctg 720
cgatctttgc aaccgtcgtt tccgcgctca ggaacacctc aagcgccact accgctctct 780
ccacactcaa ganaaccttt gagtgtacga gttggcaaga attctccgaa cgacacctgg 840
ccacatgccc gaaccacgcn cgtgccatct canaactgat gananatctc tgctacgtgc 900
tctatgtgtt gcgccannat atataatacg gnagtctctc aatgctcgag tctgcgcgca 960
tgaantttcg anagganaca gacaaaaanc agg 993

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<210> 88
<211> 1157
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(1157)
<223> n = A,T,C or G

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```

<400> 88
ctaaataaca taaacagaat tattaatctc gtctcttatg tctaaatcca ccaqcttqqa 60
acogaattaa atgaaatgra ttgacaagcg gtaggtacta aaaaaaanaaa catggctgcc 120
aattcccggt tcagccttag atcccccgng gagatgctct aaccataaac cccatcagac 180
cactgacacg gccatcagcg ctgtactagg gactacnaaa tattgttttc ttcgttttcg 240
catcgcatga tgattatggc gctgggaatc atgagaataa cagaatcatg tttctccgcg 300
ccttcaatgc ttctccgggg gacgatataa agtcggcagt atagacacaa ttaacctaca 360

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acaggcaciaa	taaacaaaca	gcacatacag	aacagacacc	ataccgtcag	tacagaaaca	420
cacaatggct	ctcacagcag	cacaagtagc	tatcgtcaag	agcacagctc	ccattctcaa	480
ggagcatggc	aagaccatca	ctaccacatt	ttaccgcaac	atgctcggcg	cccatcccg	540
gctaaagaac	tacttctccc	ttcgcaacca	acaaacaggc	gctcaacaag	ctgctctcgc	600
aaactccgtc	ctcgccctacg	ccacatatat	cgatgatctc	ggcaagctgt	cccacgccgt	660
cgagcgtatc	gcccgagaagc	acgtctccct	cttcacccaag	gccgagcact	accccatcgt	720
cggcactcat	ctcatcgggc	cattgggtgaa	gtcctcgggt	ctgctttaac	cactgagatc	780
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caagctgtat	gatgctacag	gtgaatggaa	ctcatggcgc	aagttcaaga	attgccaaga	900
aggaggtga	gaacgactct	gtcaccagct	tctacctga	gccttttgat	gaacaagcct	960
ttttccaagt	tcctttcccg	gacaatacgt	cagtctggna	aaattctatt	tctgagcttg	1020
atggctcttt	tcaaagccgc	aagttaagtc	tggagcgagg	gcccaggatc	caacccttcc	1080
ggattagnng	taaagcttca	ngggccanag	gaggaccttt	cattgaanat	ttttcgttgg	1140
ggnangggcc	ccggnntt					1157

<210> 89

<211> 858

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 89

gagctgttgg	cgatagcaac	acgacacgtc	gtcggcctct	caatcaccca	attcccatct	60
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ggtttctctc	aagtcggata	tgcgcgcgag	aactttcccg	agcatcaata	cccttccatc	180
gtcggccgac	cgatcctgcg	ttcagaggag	cagaccgatn	gcgatgttgt	catcaaggat	240
atcatgtgcg	gtgacgaggc	cgcgcgcgcg	cgaacaatgc	tccagatcag	ctaccccatg	300
gaaaacggta	tcgtaagaa	gtgggatgac	atggagcadc	tttgggatta	cactttctac	360
gagaagctca	aggtegatcc	ccagggccag	aagatcctct	tgacggagcc	tcccatgaat	420
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gtagtcgact	ctgggtgatgg	tgtaacacac	attgccccgt	ctacnaatcc	ggggtcctca	600
accacettac	gaagcgatta	gactttgccc	gccgagacgt	cacgcgcaac	ctgatcaagc	660
ttgttgctgc	gcggnngcta	ctctnttaac	cogaaccgnc	gnatttccgan	actgtcccgc	720
caaatcaagg	anaaactatg	ctacntgtcg	naccaacctt	naactcaaaa	agcccttgag	780
tgaggatacc	accnttcttg	tccgangatta	cantntgccc	gacggacgng	tgatcccggg	840
gggcagagag	cgttttga					858

<210> 90

<211> 709

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 90

caacaaggag	ttcaagagac	cttgcgatct	tacaaagcac	gagaagacgc	actctcgcgc	60
ttggaagtgc	cccgtcgcaa	cttgcaagta	ccacacctat	gqctggccaa	ctgagaagg	120
gatggatcgt	caccataaag	acaagcactc	tgatgcccc	gotatgtatg	agtgttcgtt	180
caagccatgc	ccctacaagt	caaagcgtga	atcgaaactgc	aaacagcaca	tggagaagct	240
cacggctgga	cctatgtncg	aaccaagacc	aacggcaaga	agctgcgcgc	gatcgctggt	300
agcgttcaac	agcaaacctc	ccctctgggc	aacatgtcta	caccatcttc	aatcgactac	360
aacaatgtcc	cacgcctcca	caaaacgact	gacacaattc	atgggcaacg	actttcctct	420

ttaccccacc	gactctgact	ggatgtcagt	taacaacatc	ccctctgagg	caatgcatat	480
ggatctgact	cttgattcga	cttcgcctgc	ttctgctagt	tcctacgaag	cagtatgcac	540
catatcaaaa	cggttcagct	tttatccttg	acaacgaaga	tctttacgct	gctactatgc	600
aacttcgggc	tcagttccct	cgcttgagca	agttggcatg	tnccgtaacc	ctaagatgat	660
gcaacagcag	ctgccccatgt	tccagcaaag	ttcctcaaca	gattcctca		709

<210> 91
 <211> 980
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(980)
 <223> n = A,T,C or G

<400> 91						
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ctccaagggc	aagaagggcc	tcaagaagaa	gacggctcgac	cccttctccc	gaaaggactg	120
gtactcgatc	aaggccccct	accctttcaa	cgttcgagat	gtcggcaaga	cccttgtaga	180
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cgagggtccag	ggcaagaact	gcttgactgc	tttccacggg	ctcgacttca	cctccgacaa	360
gctccgatct	ctcgtccgca	agtggcaaac	tctgattgag	gccaacgtca	ctgtcaagac	420
taccgacgac	tacctcatcc	gcctcttcgc	cattgggttc	accaagcgac	gaggaaacca	480
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cgctccacatc	cgaaaggtca	agcttctcaa	ggcccccaag	ttcgatctcg	gtgccttgat	720
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cgttcagtca	acccaaaaaa					980

<210> 92
 <211> 1549
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1549)
 <223> n = A,T,C or G

<400> 92						
ccattatccc	cccttactac	atacctattc	aataacactg	actatttcat	cacttgtacc	60
ttacaatatg	cgtctgatca	tccgtgatga	cgagaccgag	gcgtgccggt	atgtcgccaa	120
ctacgtcgtg	gatcgtatca	atgccttcca	ccccacgct	gagcatcctt	tcattctagg	180
tttgcccaca	ggtcttagtc	ctatcggcgt	ctacaatgag	ctcgtgcgca	gctacaaggc	240
tggccaagtc	tggttcgaga	atgtagtcac	cttcaacatg	gacgaatacg	tcgggtcttcc	300
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catccatcct	tccaaagtac	acatccttga	tggtaacgct	gccagccctg	aggctgaatg	420
tgatgcgtac	gaagaggcta	tcaaagccgc	cgggtggcatc	gatctgttcc	ttgctggcat	480
tggtgaaaat	ggtcatatcg	ctttcaacga	acctggatcc	agtcttgcca	gncgcaccag	540
aatcaanana	ctagcctacg	acacatcctt	ttctaaactca	cgcttctttg	anaatgatgt	600
gagcaaaagt	ccaaggatgg	nettgactgn	aggcgtccag	actgnccttg	aagcgagaga	660
aagttggtgc	attatcctgg	gagcccgag	gnacttgntt	tacaaaaagg	gggtcgaaca	720
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caacgtcgcc	atccccgaaa	ccaagatcca	tagaaccag	agccccgtca	tcatcgctcc	960
cgagcctatc	gcctcgcacc	ttttgcgcgc	aacacccatg	ggtgactatt	ctatgagaac	1020
accctcgccc	gacctattgc	cggatcgcat	ggettcaacgc	atcccggaaac	caaacttgaa	1080
cgcgagactt	acaccaaatt	ttgaagttca	gaccgacgtt	cctaagacaa	aggttgatat	1140
gatcgatagc	gcggttgcca	tgtctccgca	acttgccctc	gatttccctc	agccgcccgt	1200
gacaaagaca	atgcggtctc	cttctcctga	cctagttccg	gatcgcatgg	cttcgcgcat	1260
cctgaacca	agtctgaatg	gcagattgac	gcctaaccac	gaattgtagg	atggaatgaa	1320
tactggtgaa	ctttattaag	tggagaagaa	taaggatgtc	nagtcantag	gaagatggcg	1380
tagtagaat	ggagattagg	actgtatcaa	tatcggtata	tcaaaacaaa	tgaccttatt	1440
gcctgcctac	caggtaggcc	gcctgaaaac	tggcgctgat	taaagtaggt	tatagaaata	1500
ttagatcatc	tctagtgtgt	agctagccta	agagtgtcta	atatttttcg		1549

<210> 93

<211> 1670

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (1670)

<223> n = A,T,C or G

<400> 93

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gttacgcttc	ctctttttcta	tcaaacccgat	acccaaaaatc	ttccacaatg	gctactgagc	120
gtgaaagcaa	gaccttccctc	gcccgcctct	gcgagcaggc	tgagcgctac	gatgagatgg	180
tcacctacat	gaaggagggtg	gccaaagctgg	gcggagagct	caccgctcgac	gagcgcaacc	240
ttctcagcgt	tgectacaag	aacgtttgtcg	gtactcgacg	tgccctcgtgg	cgcctcattt	300
cctcgatcga	gcagaaggag	gaatctaagg	gatccgacaa	gcacgtttcc	accatcaagg	360
actaccgcaa	caagatcgag	accgagctcg	agaagggtctg	ccaggatgtc	ctcgacgttt	420
tggacgactt	cctcattcct	aacgctgccca	ctggcgagtc	caaggctctc	taccacaaga	480
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ctgccaccgc	tgcccacgat	gcttacaaga	gcgccaccga	tggtgctcag	actgagctca	600
ctcctactca	ccccatccgt	ctgggtcttg	ctctcaactt	ctccgtcttc	tactacgaga	660
tcttgaactc	ccccgaccgt	gcttgccacc	tgcggaagca	ggccttcgac	gatgctattg	720
ccgagctcga	ctccctgtct	gaggagtctt	accgtgacag	taccctcatc	atgcagcttc	780
tccgcgacaa	ccttaccctc	tggacttctt	ctgacagcgc	tgagggcgag	gccgcgggtg	840
ctgcttgatg	ctcctaaaaa	ggaggagggtc	gaggctgcaa	gcccgcgag	gagcctgctg	900
aggaggctgc	tectgtctct	gcttctctaaa	tctatcaata	atccccctnga	tccacatacg	960
tctcggcata	taagaaccga	aaagtattct	cgcgcgggta	cactcgtctg	gccctggaca	1020
caaggatagc	tgggactgtc	ttgggcnngc	tggatgatag	tacgaggctt	cttntttttg	1080
cgongggcgg	tgtttttttt	cacgacgatg	gagagggagg	aatggatcaa	ataagggtct	1140
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cgttcgtcgg	actcttgaaa	aaaatcgacc	gccaaacctc	gatgatgacg	gctcttgttt	1260
ttttcttttt	tacctggcag	ataaatcgca	aagtttcccc	cctttcacct	tttgctcttg	1320
gtctatctct	ggcaacctagc	atttgtgtat	ctctctcaact	tccgtcttgt	tgttcattaa	1380
gaaagtggac	agggcatacc	ccatccccgat	ggatcgccac	gaagaaggct	ttctcatggt	1440
acgccttttt	ctcccttgnc	ccatgtcgtt	tatgtctttt	cgttctctgc	tatcggtccc	1500
ttatcaaac	ataccttagt	gaaagaagac	ggaaggagat	gaatgggttt	ctgggtatttt	1560
tttttaaaaa	aaaaaaaaaa	ctttcccccta	aaaaaaaaaac	ttacattttt	tgctcacagg	1620
tacggagaag	agagactggt	gctctatctc	atttgccttc	tttctctctg		1670

<210> 94

<211> 859

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(859)

<223> n = A,T,C or G

<400> 94

gcccctactg	agaagggtca	gacgcgagag	actggattcg	acatcaccgt	cgctagttag	60
tgtatggcta	tcctcgccct	cagcaacaac	ctggctgaga	tgcgcgagcg	tctgggatca	120
atggctcgtag	ccacatcacg	aggtgggtgac	cctgtcacag	ctgacnatct	tggtgctggt	180
ggtgcccctca	ctgctctcat	gaangatgct	atcaagccca	acctcatgca	gactctcgag	240
ggtactcccg	tctttgtcca	tgttggtccc	tttgccaaca	ttagcattgg	acagactcta	300
tcctcgccga	acaagcttgc	actgaagctt	gccgggtaccg	aggctgaata	aaaaccacaa	360
ggagaaggcc	ggtttcgctg	ttactgaggc	tggatttgac	tttaccatgg	gaggtgagcg	420
attcttcaac	atcaagtgtc	gtacctctgg	acttggtccc	gacgttggtg	tcacgttgct	480
cactgtccgg	gctctcaagg	tccacggcgg	tgcctccctc	atcgctcccg	gtgctgccct	540
cagccctggt	tacaaggaag	aaaaagtcaa	tatcctgctg	gctggctgcg	tgaacctcaa	600
gaagcaaatt	gccaatgcca	agtcttttgg	tattcctgtc	gtcgctcgca	tcaacaagtt	660
tgcqaccqac	acaqatgctg	aaatcgctgt	catccgcgag	gaggtgtgct	cggtggttgc	720
tgaggatgct	atcctgtcta	accacttggg	ctgaggggtg	caaggggtgc	cgttgacctg	780
gcccacngtg	tcattgcggc	agctgataag	cccaaggacc	tcaagtccac	ttacaacctt	840
cnanggaacc	cntccaaga					859

<210> 95

<211> 1107

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1107)

<223> n = A,T,C or G

<400> 95

ccaccgtctg	cctcgacggg	gaggtcctga	aggtctcgcc	ccagggcaag	gacatgtctt	60
cgcacattgc	tccccctatg	tgcctccca	ttaagcctac	cacttcgatt	gcccaggcct	120
cagactcccc	acgagaccgc	cgactttctc	tgttggttaa	cttcacgcct	ctgaaccgcc	180
tccgggggtg	tgactctggg	gctggtgggt	ccaatctgcc	ttcgcccgtc	cgtaggtgccg	240
ccccgtttga	cnaactcgcc	cctgggtctg	agctcccaac	tctggtcagc	tcgtcgctcc	300
aacagcttct	ggctcgacct	tcgtcggtca	agaaactcac	gttctgtccg	tcaaagctta	360
cagtcganct	gatcttctac	tgtcttccac	tgttgcgcan	ganatgcgtc	ttggtgtgca	420
acntgaagg	gtcttgaaca	tctccgaag	tcgtgtgttg	acacactctt	ctacgaacct	480
tctactnta	catcgccgtc	gtttgatgct	gccatgcaac	gtcttggtgg	gcggnacccat	540
cgccatctcc	acctctcact	cttccgtcca	gaaagggtgag	accctccagg	acacctcccg	600
aactctgggt	tgctacgggt	atgccgttgt	cctccgtcac	cctgaggaga	ccagcgtcca	660
cgttgccgag	aagtacagcc	ctgtccctgt	catcaacqgt	ggcaacggca	gcaaggagca	720
ccctaccag	gctttcctcg	acctcttcac	catccgtgag	gagttgggta	ctgtccaggg	780
tttgaccatc	accttccttg	gtgaccttct	ctatggccga	cctgtgcact	ctcttgtgta	840
cttgctccgc	cactaccagg	ttcangtcca	gcttggttgt	cccaagtctt	tggtctgccc	900
caccaagggt	cgagagcagc	tcategcttc	tggccaactt	ctctgcgagt	ctgagactct	960
tactcctgag	atcctggctc	gtaatgatgt	cctgtactgc	acacgtntng	cagcgcgagc	1020
gcttccccag	tgaagaagaa	taccacgggt	caagaactct	taccgcgtgg	acaaccttcg	1080
ctcaancatg	ccaagaactc	ttgcatt				1107

<210> 96

<211> 931

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(931)

<223> n = A,T,C or G

```

<400> 96
ccgagcctct acccccatgt acctcttata gagaaagatc aaggccatgg gtatcaagat      60
ggttctgagt ggcgagggta gcgatgagat ctttggcggg tacctgtact tccacgctgc      120
acccgataag gagtctttcc acgaggaaac tgtgcgacgt gttaanaact tgcctctatc      180
tgattgtctg cgagctaaca agtctacatc tgcttggggg cttgaggctc gtgttccttt      240
ccttgacaag gagttccttg agtactccat gaacattgac ccccaggaca agatgatcac      300
caaggagaag ctgaaaaagt acatcgctccg caaggccttc gatacttcag atgagcccgga      360
tgagcagcct tatcttcccg ataacatcct ntggcgacag aaagaacaat tctctgatgg      420
tgctcggtac ggatggatcg atgcctcaca ggacaccgct ganaagcagg tcaactgacga      480
gatgatgaag aaccccaagc ctgagtgggg caacgatatt ccctgatacc aaggaggcat      540
actggtcccc atgcatgttt gacgagcact tctcccttta ctgcgcgtca actgtcatgc      600
gctggactcc cacctggctc aagcaagagt gaccctagng gccgagccat tgntaccac      660
aacgccaat acgacaacgc ggnttaatga catagcgaat cgagtaaaac accaagtaga      720
gaaaacttgg cccactcatt ggaacttata ctatctgagg tatctgncat gaacctgac      780
taaggagcaa ctntgggtgt cgttnttgg aggnanaaaa aaaggcgtnt gggatttgt      840
taactacctt ggaatgtgta tgactggaaa aagggaacga tgatntgggc aaggacctg      900
ggaataaaaa ataaagacaa aagntnttaa a
                                           931

```

```

<210> 97
<211> 1158
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(1158)
<223> n = A,T,C or G

```

```

<400> 97
cttggaaacag accttctcta ctgaagatga aaggttcgga gttctacca ccgaggatct      60
catttctggc ggtcgcgaca ttgaagtcac caacgagaac aagaaggagt atgttgatct      120
aatgggtcaaa tggcgaattg anaaacgtat cgcgagcaa tttcaggctt ttaaggaagg      180
tttccaagag cttattcttc aggatctcat caacgtcttc gatgaacgtg agctcgagct      240
ccttatcgga ggtatcgccg agatcgatgt cgacgactgg aagaagcaca ccgattacag      300
aggatacacc gaatccgacg aggtcgtgca gaacttctgg gcgacagtgc gatcctggga      360
cgggtgaacaa aaatcacgac tgttgcaatt cactactgga acctcacgaa ttcccgtcaa      420
cggattcaaa gatcttcagg gcagtgatgg tcttagacga tttactattg aaaaggcggg      480
agaaatcact aatttgccaa aggcacacac ttgtttcaac cgactcgatt tgccccttac      540
aaganccatg agatgcttca gcagaagctc acgattgccg tcnaagagac tatgggtttc      600
ggtcaagagt agacaataac gacattacct tcagcaggga cacttgaact ggaaagggtt      660
aaactacagt caattgcact gccctgtatt caccacacaa gagcgacctt ctctggctctg      720
ccccattcct ctctcatata catgcaacaa catttgggta tttgctttgg tcccaaagag      780
ggacagactt gggctcatatg gcgctgggtg aattaattcg ccttcaacat gcgatgcac      840
atctgattct tctctggct cctcgagaga aaatggacga gattttaaac gggcctgcca      900
atacaaagtg catctcgccg acctgtttcg tggagaagaa gaactttcgc aaacattgtg      960
gaactactan gcatcgccg ggacagacng gtccttggct gcgatgntgc tttgacgagc      1020
gatggaaaaa gaaactgtac ttagccatgt attacgtgcc gttggcagca aangcgaagc      1080
cagcgtgttt gagcttggaa gttaaaaaang gcanggtnac aacgcttnat ttcaactatt      1140
ttttcatat nttgcaan
                                           1158

```

```

<210> 98
<211> 596
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

```

```

<400> 98
gaacgttggc atgaagaacg agcgatgggt tcccatgatg actgctgaca acgcctgggt 60
gccccgaaac gaactttctg cttctcacca gaagatgggt gctgatgttg atatgaagga 120
ggcccttgcc tctggtcagt tccgacctct ggtccgaaag gagattgagt ctcactgcgc 180
caacttcggt ctcgacgctg agcttgtttc tcactctcgt atgcgtggtc tgtccggtgg 240
tcagcgtgtc aagactgtct tggtgcttg ctcttggcag cgaccccatc ttatcgttct 300
tgatgagcct accaactatc ttgaccgtga ctctctcggt gccttggtcca aggcctctcaa 360
aaagttcgag ggtggtgtca tcatcattac ccactctgct gagttcacca aggacttgac 420
tgatgaggtc ttggcccgtc atggacggaa ggatgacttc tttcgccac aactgggttc 480
agggtcaggg ctctggtccc cgtttcaagg gttacgacng tgattaggan gagaagttcg 540
atgccttggg caacaagatt gtcaccacca taganaaagg caagctgact ttntta 596

```

<210> 99

<211> 593

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

```

<400> 99
gggaggatct gcagaatata ccactccatc ccttgatcca gcctgttcgt ggtgtcgaca 60
tcatctttgc catcgattct tcagcgggat acggacaaca attggcccaa tggtagcgct 120
cttcgtgcga catacgatcg tgcgatcc agcttaggaa acggaactca gtttccctct 180
attccatcag ctgagacttt cattaatgag aagttgaacc aacgcccac actctttggc 240
tgtgatgcag acaacttcac gctttcagac ggcaaagctc ctctcctct tgtcttctac 300
attcccaacg cgccctacac attcttgagc aatgtctcta ccttcgatct ctcatacagc 360
atccctgagc gtgacagtat cattctcaat gctctgaacg gtgccactca gggcaatggt 420
actattgata aagaatggcc acgtgtgtcg tttgtgccat catganccga attgggtggaa 480
gtccaatgag acgttccaaa gantgcagta ctgttttgac agatacgctg ggacggaaat 540
caataacaca gctgttaaga ctacaacctg gattatcatt ctaacaaaat gcg 593

```

<210> 100

<211> 836

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

```

<400> 100
ctgatatcca gactgccgag gaggtctctg agctcatcac cgatgccatt gagcaggctg 60
gttacaccgg ccagatgaag attgccatgg acgttgccct cagcgagttc tacaaggagt 120
ccgaqaagaa gtacgatctt gatttcaaga accccgagtc cgatccctacc aagtggatca 180
cctacgagga gctcgccaac atgtactctg agctctgcaa gaagtacccc atcgtctcca 240
ttgaggaccc cttoctgag gacgactggg aggccttgag ctacttctcc aagacccagg 300
acatccaggc cgtcgggtgat gacctgaact tcaccaaccc ccttcgnatc aagaangcta 360
ttgagcttaa gtcttgcaag ctctcttntc aaggtaaccc aagattggta ctctgaccga 420
gtccattcag gcttgccaag gactcttaac ccgacgggtg ggggtgcatg gtttctcacc 480
gactcgggtg gacggaggat gtcaccatcg ccgacattgc tgtcgggtct cgtgctgggtg 540
agatcaagac tgggtgctct gcccgatctg aacgtctcgc caagctcaac cagatccctc 600
gcattgagga ggagctcggg gaccaggcta tctaccctgg taaggacttc cgcaagctcg 660
ttaacctgta aatgatgggt atcgggtgtg tggaaacaaa gccttgtgat gattatgatg 720
cctttagggt ttcagccagg acgcgtgaga ccataatccan gatggcaaat tgaaagtaat 780
agaggcaaaa atagtaaaaag ccaactgate aattaatgaa actttgattg aagttt 836

```

<210> 101
 <211> 1380
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1380)
 <223> n = A,T,C or G

```
<400> 101
caactctcta catctcatte ccaaccaa at ctcacgtct tttgcagcct cctattccat      60
cacgcccgac gactcatttc taccgatctt attgacttgt cttaccgcga cataacgagc      120
agccgccatc atgaaccccg aatacgacta tctcttcaag ctccctctca tcgggagattc      180
cgggtgtgga aagtctttgtc tctttctgag atttgccgac gacacctaca ctgaatccta      240
catctccacc atcgggtgtcg acttttaaat ccgaacgata gaactcgatg gcaagaccgt      300
caagcttcag atttgggata ccgccggcca ggagcgtttc cgaactatca cctcttctta      360
ctaccgtggt gccacggcca tctgcgtcgt ctacgatgtt accgacatgg actctttcaa      420
caacgtcaag caatggcttc aggagattga ccgatatgcc acagagggtg tcaacaaagc      480
tgctggtcgg taacaagagc gatatgtcag acaagaaggt cgtcgagtac agcgtaaccc      540
aggagttcgc cgacaggctc ggaatttcat ttctngagac ttccggcaag aacgccagca      600
acgtcgagca ngctttnttg gaccatgggc cgtcagatca aggagcgcct gggcaccacc      660
acagccaaca acaccaagcc tagtgtgcaa gttcgggtcaa ggccagggtg ttggtctctc      720
ttccaacaac agctgctgct aaatgcattt gcctctctct ttctcagtga agcaggatga      780
cggagtacag ccggaagat ggatcatgct agggatacga ccagacaaat tcaattacga      840
tgtttgcttt ctaccttttc tctcgtcgtt ccgcatagac cagatcataa tcgctcggat      900
tatgcatttc gttactgcaa ttaagactct tattgccttc agtaaccaga ggaacggctc      960
tttccctctc tacgcctgcc acggaccctg acgctaaacg cgggtggaaaa tagacggagc     1020
gatattgatt gtggggatgg acttggagag ggagggtttg agatacggag gcaggtccta     1080
tgttcctggg cgggtggctg tggaaagttt tgcgcacgcg caagctgtat tttctcgttt     1140
tcttcttttg ccgtgccttc taccacggaa ccgaaacatc gaagggcac tcgtcggttc     1200
ttgttctttt taacctgcca ttcattcgct ggaaacatca ttttgccac cctcgttctn     1260
ccttttgcca atcctggtct tttgttattt tgtagtctt tttgagcca ccaagaagtt     1320
acaaganaaa ggttggtgct taccgggtt ttnttaacct ggggttttgaa atcggggggg     1380
```

<210> 102
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

```
<400> 102
cgccattgtc ggatctcact caggggtcaa gacatgtcga tgggacaaaa tcagctcttc      60
gtggacgcgg ctctgtttac aaatggctat tctacggtat tgcgagtcac caatgtatgg      120
aaacaacccc ttctgtctctc tctctgaaca agtgtgtctt ctgttggcgc cagggcaaaa     130
accagattgg aacaacatgg cgatgggttg tggacccctc tgatctcatc tttgacggcg      240
tcaaaatgaa ccattacaag aagatcaaaa tgcctgcgtg catgcctggt gtgcgagctg      300
agcgattcgc cgaagctatg cagattagac actgcctctc atcgcttgtc ggagaaccca      360
tcttctaccc ctatatcaac gaatttctcg gcatgttaca tgccgaacgc atttctctt      420
tctttgtctg caatgtctag catctgacc aacttgggga tctcaaaagc gtaactcagc      480
tatagttatc tattgatgca gctgataagg aatcactacg gagaattgac agacctcttc      540
acaganactt ctgggaacgc ttcaaccgct gccttgaca                                     579
```

<210> 103
 <211> 928

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(928)
<223> n = A,T,C or G

<400> 103
cgagatcagt ctacctgtnc cagcacgttc atcgactcgc tgtagtttta tctgtccaaa 60
ttatacaatc gtccactccc aatcgatatc gtgttcaagc ttgctcaaaa tgagaccctc 120
cctcatcaag cccctcctac cccgccatac ctgcttctct gccgcgagaa cttcttcttc 180
tcttctctca ctctccaaca caatcaaate tgttagattt ttctcagctt catccgcagt 240
catgggtaac aagggtttct tcgatatcac ctgggagggg cccgtcttcc agaacggcaa 300
gccacacctc accgttaagg agcagactgg ccgcatacaac ttcaacctct tcgacgacaa 360
ggcccccaag accgcgcaga acttccgtgc tctctgcact ggcgagaagg gtttcggcta 420
caagggtctt tttttccacc gaatcctccc tgacttcatg cttcagggtg gtgacttca 480
ccgtggcaac ggcactgggt gcaagtccat ctacggagag aagttcgccg acgagaactt 540
caccttgaag caccgagaag ccggtctgct ctccatggcc aacgctggcc ccaacaccaa 600
cggctctcag ttcttcatca ccaccgtcgt caccctcttg ctcaacggac gccacgttgt 660
ctttgggtgag gtcgctgacc agcagtcctt tgatgtcgtc aaggcccttg aggtactagg 720
ctccggcagt ggtgcccgtc agtacaacaa gaaggccacc atcgctcgact gcggtgagct 780
gtaaacagct caatccgtac gacgtggcga gcgggaattt ggaattgcat aacaaaacct 840
cactgagggc tggcgacatg gagctagtta gtcacaggct agtaaaagca tctagctatt 900
gaacaatgtg aaccaataaa cccaanan 928

<210> 104
<211> 670
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 104
naacatnaat cgatncccc tttcccgttg aactgagtc ttatctnngg atataccttc 60
attgaacctc tgtcctactg tacctacctt tcattcactt acaccagcct tcaacatgac 120
caccgagttt cttcctgctt cagccagctc tgcttacgat tacattatcg tgggtgggtg 180
caccgctggg tgtgttctag cttctcgtct ctctgcctac ctccctgagc gcaaggctct 240
tgtcattgag ggtggtccct cggacttcgg tctcaacaat gttcttaacc ttcgagagt 300
gttgctcgtc ctccgtgggt acctcgacta cgactacccc acaactgagc agcccaatgg 360
caacagtcct atccgacact cgcgagccaa gggtctcggg ggttgctcct cgcacaacac 420
ccttatcttc ttccgccctt ccgccacgat atggaccgtt gggctctcaa gggttgcaag 480
ggatgggact ttgaaaccgt catgcgcagg gtcgacaacc tgggcaacca ggtgaacccc 540
gtncaccccc gtcaccgtaa ccagttgant aaagactggg tcaangnttt gcttcgangg 600
catgggtatt tccattatc caccgaattt accacgagaa tttaananaa gggccaattg 660
gaccaagggg 670

<210> 105
<211> 998
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(998)
<223> n = A,T,C or G

```

<400> 105
atcctccact aacttcgcag cagccaggtc aagaacactt gcaccatcac aactggcaat 60
atgaagttag acatcagcta ccttgccaat ggcagccaga agtcatcga cattgaggat 120
gagcgcaagg tccgtgtctt catggacaag cgcattggcg ctgagggttc cggtgactct 180
atcggcgatg agttcaaggg ctacatcttc cgcactcactg gtggaaacga caagcagggt 240
ttcccaatga agcagggtgt catgcacctt actcgtgtcc gcctccttct ttccgagggt 300
cactcttgct accgcccctg ccgcactggt gagcgcaaga aaaagtccgt ccgtggttgc 360
atcgtcgcca tggatctttc cgtccttgc ctcagcattg ttaagcaggg tgatgccgat 420
atccccggtc tgaccgatgt cgtccacccc aagcgccttg gtcccaagcg tgccaccaag 480
atccgcaagt tcttcggcct caccaaggat gacnatgtcc gcaagtacgt tatccgacga 540
gaggttcaac ccaaggggtga aggtaagtcc cttacaccaa ggctcctcgc atccagcgac 600
tcgtcacccc ccagcgtctc cagcacaagc gccaccgtgc cgttttcaag cgacgacagg 660
ccgagaaggt caaggacgag gccaacgagt atgcccagat cctcgccaag cgtgttgccg 720
aggccaagcc caacaaggcc gatgcccgca agcgacgtgc cagctctatg cgcaagtaag 780
gttcggcgct ttaatgaaaa aaaggggaat cataccttgg tcttgtgggt tgcatgcaat 840
aggagtgagg attctctata gggctcaatt ttagccaate acgaactgtat tagaggcatt 900
tcgggaaaaa taagaacatg cattgatgca ctcgtgccat acgccagana acgcgcattg 960
tcattgnctt ggatacccat tcaatttctc gcccatcc 998

```

```

<210> 106
<211> 616
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

```

```

<400> 106
gagaattggt cgagatggct cggacaaaga aggcttgcat tatcttcttt gatgaaatcg 60
atgccattgg tgggtcccga tttgacgacg gtgctggcgg agacaatgaa gttcaacgta 120
ctatgcttga gctaattacc cagcttgaag gtttcgacgc ccgaggaaac atcaagggtca 180
tgttcgcgac caacagaccc tcgacattgg atcctgccct gatgcgacct ggacgtatcg 240
atcgaaagat cgagttctca ttgctgac tcgaaggccg tgccaacatt ctncgcattc 300
acgcaaagtc catgtctgtt gagcgagaca tccgatggga gtcctctca cgtctttgcc 360
ccaacgcaac aggtgctgag ctgcgcagtg tgtgcaactga agccggtatg tatgccatcc 420
gcgccaggag aaaggttgcc tcggagaagg atttctnagc gcggtagaca anggtattaa 480
agggcaacct caagttcaac ttntacagcg acgtacatgc agtacaacta gatatgttca 540
ccatagcgag agngtaatt taatgcngng tatgattaga ngggcaatta antnggggga 600
acttggaacc ttacaa 616

```

```

<210> 107
<211> 747
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 107
ctcgttcttc ttccgacggn ttcaagcgt tntacnaaa ctgggacgct tacgccgaca 60
agatnctact cgaagccag gctgtctcca acgccccga gatcatnaag cgtntcgggtg 120
ttattggcat gaacacacct gtgcaggtag acatntacgc ccacgccaac tccacctgtg 180
ttagnngaac ccgtatgttc aacggtctcg gnggttcagn cgatttcttc cgtaacgcca 240
agtactacat natgcacact cctccagnc gaccttncaa gaccgacccc cacggtgtct 300
cttgcatgtg ncccatgtgc actcacattg accaaaaccga gcacganctc gacgttatcg 360
tcactgagca agnctcgtc gatgttcgag gtctttcttc cgcgagcgcg cccgcgtcat 420

```


catnaacaag	tgtgcttacc	caagtaccag	cctattctga	cacactacta	cgaaaaggcc	480
gagagcgagg	gtctcaagaa	gggtatgggt	cacgagcctc	accttttggt	caatgctttt	540
gatctccaca	aggctcttgc	tgaggagggg	agcatgctta	aggtaagcc	ttggtaaatt	600
tagtctgggt	ttgtatataa	tgtggatggg	aaactagaaa	tgacaaattt	ttgcgtagcc	660
tttttttggt	tggaaggaa	atattggatt	gtggctacat	agatgttttg	gagataattc	720
cccagcaaat	taagcattga	atctgat				747

<210> 108
 <211> 1039
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1039)
 <223> n = A,T,C or G

<400> 108						
tcttnattaa	ccccaaattc	cataacgata	ccccttggcc	ttaaacaacc	tgccttcagt	60
caaataagaa	gatatggggg	ccaagtctaa	caagtcgctt	tacttcgaca	agctcaaggg	120
cttgctcgag	gagtacagct	ccatcttcat	cgtcgagatc	gacaatgtca	gctctcagca	180
gatgcacgag	atccgacatg	ctctccgaag	caagggtggt	gtcctcatgg	gcaagaacac	240
catggttcgc	cgtgccttga	agaccttcgt	cgccgactcc	cccagtagcg	agcgtctcct	300
tccccacgct	aagggtaaag	tcggtttcgt	cttcaccaac	gaggacctca	aggaggttcg	360
cgatgtcacc	ctcgccaaca	aggtcgctgc	tctgcccgt	gccggtgctc	tcgcccctgc	420
cgacgtctgg	gtccctgctg	gaaacaccgg	tatggagccc	ggaaagacct	ctttcttcca	480
agctctcggt	gtccccacca	agattgcccg	tggtaccatt	gaaatcacca	ctgatctcaa	540
gctcgttgag	gcccgtctca	aggtcggctc	tccgaggcca	ccctgctcaa	catgctcaac	600
atctctcctt	cacctacggt	atgggtatat	ctcaggctca	cgaccagggc	cagaccttcc	660
ctcccagcgg	tccctcgact	cggtgaggag	cagctcctca	agacctgtc	tggtgctatc	720
actaccattg	ccactatctc	tctggctctg	aacttcccta	ccctgccttc	cgctcttcac	780
tccctcgtea	acagctacaa	gaagggtctc	gctggttgcg	ttgtcactga	ggtcacctgg	840
cccagattg	agcagctcaa	ggaccgcacc	gccaacctcg	atgcttacgc	ctctgctgct	900
cctgctgctg	ccgttcgggc	gatgctactg	ccgctgctga	ggaagagaag	aaggacgagt	960
ccgaggaaga	agaagataat	gaaggctcgg	cggtctcttc	cactaaatgt	accacatcct	1020
aacaagttac	antgccttc					1039

<210> 109
 <211> 635
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

<400> 109						
caatatttac	tgaadctcaa	gttaaggtgt	caggcctcaa	acccaacgat	attataaaac	60
aaggtcttcc	ctcaccattt	tttgaagccc	aaacatcgct	tgacaaattt	ctaacaagat	120
ggacctcaca	aaaccccaag	cggcgcacaa	gactcgtcaa	agacctgtct	atgatcccag	180
ccaagggtga	cattacgggt	ctctccgtca	tctcgggtcg	caaggcttcg	cgccaagtga	240
gctgtatact	ggtccttggg	ccaatgccca	tcaaggctca	accggccagt	acaaagacat	300
tctcaccgac	tactggcaac	ataccatctc	acacctcgaa	aatgatagcc	atgattacaa	360
gatccaccaa	ctcccgctgg	cccgatatca	gnaagtcatt	aangccgata	cngaagtraa	420
gatgattttc	gctgaagcgc	ccattctctt	cgctaaagga	tgcgatatct	tcatacacaga	480
gttgacaatg	aaggcatgga	ttcatgccga	ggaaaacaag	cgcagaactc	ttcagcgctc	540
cgatattgca	tctgcattgg	caaagtctga	catgttcgac	ttcctgctcg	atattgttcc	600
tctggaanaa	gcctcttccc	acgccccaaa	ggcga			635

<210> 110
 <211> 612
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 110
 caacacccag tccgccacca ctgaacaaat ttctatttca ctataatact catctccgtc 60
 cctcgcccca tegtgtgtgc tggggaaaat cttaaaattt gcttaatcct acatgtttgc 120
 tcaattctac gtctagtggt gaattcattca tcatgcctgc tccagggtgat caacattcgg 180
 tggtagacgaa cctttacgag gaaccacgtc cacgaattgc tgaatgggct gcaaaggaca 240
 ttgctacgat agcggcggaag ctogacaaaac aactcgggtcc cgaatacctc tctgacggcg 300
 caggccctgg tggtagcaaa gtctactatc tgactgtctga gaaatgtatc accttggcga 360
 atgaagtttt cggtttcaac ggatgggtca tcttccattc agaacattca agtcgacttt 420
 gccgatgaaa acccccagac acaacgcttc agtgttggtc tgtctgtcat tgccgaatta 480
 cattaaggga tggaacgtac catgaggacg ttggctacgg ntncatcgag aacgcaaaag 540
 gcaaggcaat ggctttcgag aaggccaaga aggagggcac tactgacgga atgaaacgtg 600
 cctaagnaaa ct 612

<210> 111
 <211> 930
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(930)
 <223> n = A,T,C or G

<400> 111
 gcgcccaccc ccaatccaat ccattccatat tatccatcca tccatcgctc ctctctgttt 60
 tttctgcacc accactccaa ggaccgcccc acgatccaaa ccttttactc tatccctaca 120
 aacacaggct tgcagcgcgt aaaccgcaaa catgggtctc gccttttcga agcttttcga 180
 cagactgtgg ggggaagaagg agatgcgaat tctgatgggt ggtcttgatg ccgccggtaa 240
 aaccaccatc ctttacaagc tcaagcttgg tgagatcgtc accaccattc ccaccatcgg 300
 cttcaacgtc gagaccgtcg agtacaagaa cattcaattc accgtgtggg atgtcgggtg 360
 tcaggacaag atccgtctct tgtggaggca ctacttccaa aacactcagg gtatcatctt 420
 cgtcgtcgac tccaacgata gcgaccgtat tgttgaggcc cgagaggagc tccagcgcgt 480
 gctcaacgag gacgagctcc gcgatgccat tctccttgtc ttccgccaaca agcaagattt 540
 gcccaacgcc atgaacgcgg ccgagatcac agacaagctt ggctccaca gcctgcgaca 600
 acgcgcctgg tacatccagt ctacctgtgc tacctcaggt gacggtctct atganggtct 660
 cgagtggctc gccaacaccc tccgaaaggc gggtcaccag tagaaagatt gacgagaagc 720
 atctcttgaa gaaaccgcgc ttttctctct gctctgccac atcctctcaa atggctcttt 780
 gtgtcgactc gaggtttcgg ttgttatttg caaagttatc ggtcaaccaa tcgaaaatga 840
 atccttgaac caaagtcgca tctatcactt ttctattaaa caactgtttc taccttctc 900
 ctctctcarg gtgttctctg tgacctctcg 930

<210> 112
 <211> 652
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(652)
 <223> n = A,T,C or G

```

<400> 112
ggcggaatg aaggcctgcg gcagagtgcg ggccttctgt tttgaggatt ataatcagag      60
tatattgaaa gtttcgcatg cttttcgtat aattgtttta ggcatagtgc aatcgataag      120
cttggtctgca ggtcgacgga tcgcatgggc agcatcggcc tggaacacca ccgttccagc      180
gaaaaccagc aggaacccaa gagcctgacc gactgggccc cctatgactg ggaccgcaac      240
gtgatcgccc acgaattcag ccacagctgg gatggcaagt atcgccgctc ggccaagctg      300
tggaagcccc actatcgcca gccgatgcag gacaacctgc tgtgggtcta tgaagggcag      360
acgcagttct ggggcctggt cctggccgca cgctcgggcg tgcagagcaa ggacgtggtc      420
ttgggcagcc tcgccaacta tgccggcacg ttcacccaga ccgccgggcg cgactggcgc      480
tcggtggaag acacgacgat ggatccatct tcgcgcgccg caagcccaag ccctattcct      540
cgcttaccgg taacgaggac tattacaccg aaggcgcgct ggtgtggctg gaagcgggccc      600
aaatnatccg cgatggaacc ggcggcaaga agggctggat tgatttcncc an                652

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```

<210> 113
<111> 1210
<112> DNA
<113> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(1210)
<223> n = A,T,C or G

```

```

<400> 113
ggatcaattg gtaaaaaatgt tcgcgcgcctc tcgcateccag cgcggtgctt tctccgccac      60
cgccccgggac ctttccaagg tcaccgttct cgggtgctggg ggtgggtatcg gccagcctct      120
ctctctctctc ctcaagttga acccccgct cactgacctc gccctctacn atatccgtgg      180
cggaccgggt gttgctgctg acatctccca cgtcaacacc aagtccaccg tcaagggtcta      240
cgagcccaac gctgctggtc tcaaggaggg cctctccggc gctgaggctg tctctatecc      300
cgctgggtgtc ccccgcaagc ccggcatgac cgtgacgat cttttcaaca ccaacgcctc      360
tatcgtccgt gacctcgcca aggcgcgcgc tgaggctgcc cccaaggcca agctcctgat      420
catcttcaac cccgtcaact ccaccgtccc tatcgtcaag gaggtcttca aggctgctgg      480
tgtctacaac cccaagacct tttcgggtgtc accaccctcg atgttgctcg tgctccgat      540
tcgtttccga aattaagggc accgacccca aggacgaaaa cattaccgtc gtcgggtggtc      600
actctgggtgt caccatcgtc cctctcttct ctcagtccaa ccaccccgac ctctctctca      660
acgctgagct cgtcaagcgt gtccagttcg gtgggtgatga aagttgtcaa ggccaaggat      720
ggtgctggct ctgccactct ctccatggcc atggctgggtg cccgcatggc tgacttcgtc      780
ctccgcgcgcg tccaggggcg gaagggtgct aaggagcccg ctttcgctga gtctctctct      840
ntacaaggac cagggcattg agttcttcan ctctcaggct gagctcggcc ccgagggtgt      900
tganaagatc caccctctcg gcaagctcga cgccaacgag gagaagctcg ttgacgcgcg      960
tctcgtcgac ctcaagaaga acattgagaa aggtgttgcc ttcggtgcct ccaaccctcc      1020
nnaataaatt acttgagctc tottcagagt aatgggggag tagtanctta aaacactatg      1080
cctcctgggn gaaaagggga aaatttaaaa cggaanctnt gtcgnggcac aagatgtntt      1140
tctgaggatt gggnaaaaaa acaggggcct ataagcaatg gatatactat gtttccctcc      1200
cattggctcn

```

```

<210> 114
<111> 930
<112> DNA
<113> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(930)
<223> n = A,T,C or G

```

```

<400> 114
ctgagaccaa gatgaagatc gcaaaggccc ttgacgacat tgggtgngaa tacctcgaat      60
tgacgtcacc tgcttctctc cccagctcta aggcgatgc ccaagccatc tgcaagatgg      120

```

gtctcaaggc	aaagatcctg	gtccacattc	gatgcaatat	ggacgacgct	cgctcgcgcg	180
ttgaaacagg	cgtcgatgga	atcaacatgt	gcatcggcac	ttcgggtcag	ctcatgaagc	240
actcccacgg	aaaggacctc	aattggattg	cggaaaaggc	caaggagggtc	atcgagttca	300
cccaagccca	cggcctcgag	gtccgcttct	cgggtgaaga	ctctttccgc	tccgacttta	360
gcgagatcat	caagctgtac	tctctcatgg	accgtctcgg	tgctcaccgc	gtgggaatcg	420
cgcacacgct	tggaggcgcc	tcttggcggtg	agggtctatga	caagggtcttt	acgctgcgcc	480
agggttattgg	atgtgacatt	tgaaactcac	ttccacaacg	acactgggtg	cgccactttc	540
aacgcttaca	ccgcttttga	agctggcgcc	acccacatcg	acactaccgt	cctgggcatt	600
ggtgagcgaa	acggcattac	tccctcggc	aagctgttcc	agtgcacgct	tggctttgga	660
cacgantacg	ttgccacca	gtaccgtctc	gacaagcttc	ctgctcttga	gaancttggt	720
gctgaagctg	ttgatattga	gatcccttgg	gatactcctg	acctctcggg	gtttctgtga	780
aaacaccttt	ttgggaaaaa	acctgtgata	aggcttatgg	agaagcttga	tcctcccagg	840
aacctttact	ttcaaccanc	tcagttttng	ggacacattt	taccgtanaa	aanatgtgtc	900
tgacagtcac	taccgctcta	agaacccccn				930

<210> 115

<211> 590

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 115

caaaggcata	ggctgctcgg	tcgtcaacat	tgggtgcgggt	gacatcattg	aggtcagaga	60
gcatcttata	ctgggtctga	tttggcagat	tattcgacga	ggacttctgg	gcaagatcga	120
tattaagctc	caccttgagc	tttaccgact	gcttgacgag	gacgaaaccc	ttgagcagtt	180
cctcagacta	ctcccgagc	aaattctcct	tcgctgggtc	aactaccatc	tgaaagctgc	240
taattgggtc	cgcactgtca	acaactttct	ttcagatgtc	naggatggcg	aaaattatgc	300
ggttctgctt	gccccaaatc	gtcctgaata	tggcggtacc	cgtgcgcctt	tgcagaanca	360
agaactacat	gatcggggcg	aagctgtcct	ccaagaacgg	anaanctcgc	tgccgcaant	420
cttgacccaa	atccttggtg	caggaaaatc	aaacttaact	tggctttcgt	ggcaactcct	480
aacaaccatc	cgtcttgacc	ttttccgagg	aaganaactt	gaatcaagac	tcaatccgag	540
gaaacttagn	ncattttcct	ntgggtcacac	ttgattcacc	gcattttttt		590

<210> 116

<211> 1176

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1176)

<223> n = A,T,C or G

<400> 116

cttcaactcac	ccaaccttca	acattctaaa	ctctacgaat	cccacgactc	agaatttcac	60
agcaatcatg	gogggttcgg	ctcagttcga	aaacttcaac	gaggttcggg	tcttttccac	120
cttgaccaac	tcttatgctc	tgggttgcact	tgggtgcaggt	gagaacttct	acagtgtctt	180
cgaggccgaa	cttcaagata	ttgtccctac	cgttcgcact	accatcgcgc	gtaccgcgat	240
cattggccgc	ttgactgcgc	gtaaccgaaa	gggtctttct	gtccctacca	ccacaaccga	300
ccaggagctg	cagcatctgc	gtaattcgtc	acccgattca	gtccgcaccc	agcgtattga	360
ggagcctttg	tcaagccctt	ggaaacgtca	tcgtcacaaa	tqatcatatc	gccttggttc	420
atcctgatct	gggagcgoga	aacagaagag	attattgcgg	atgtgctcgg	cgtgggaagt	480
gttccgacag	actgtgcgcg	acaatgttct	agttggtagc	tacatgagcc	tttccaacca	540
atggagggtc	cgtgcacccc	aangaccccc	attcaggacc	aggacgaagt	tgtccaagct	600
tgtctccagg	ttctctcttg	tcgcgcgtag	tgctatccgt	ggttccaacg	ttgtcgggtc	660
tgggaatgggt	gtcaacgatt	ggctcgcgcg	tactgggtct	gacaccacnc	gccaccgcag	720

ctcagcggtta	tcgaaaagtg	tgttccgtct	tggngaaggg	ccaagggccc	cagcaacatc	780
aacaccagca	tgaaggacac	catggtcgag	tctttctact	aagcttgatc	tgtggattgt	840
tttctgcatg	taaattgatt	gcttggttgc	atgggctttg	ctgctgctac	ctactcttcg	900
ggtatcgatc	aaacgacgtc	attttccgcc	gonaacgaaa	ttttaactta	taccgggcct	960
nggggttggg	aatactgctg	aattttgcgg	atggtttcag	gaattggtn	tatgatgatc	1020
gaacgatagg	attctttttg	ggaaacggga	ccctntaact	agtnctttta	cggaaacnaa	1080
aggacaaggt	tgggtgggga	tganaacctg	gtggtagaaa	gggccatcca	tttgatccnc	1140
tgggctnttg	ggttggtccaa	ggcncctccc	ntttgt			1176

<210> 117

<211> 957

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 117

aaggttacct	gcattgaaaa	gcgtggctcc	ctcggcggtta	cctgcttgaa	cgtcgggttgc	60
attccttcaa	agtctcttct	caacaactcg	catctctacc	accagattct	ccacgacacc	120
aagcaccgcg	gtatcgaggt	tggtagcgtt	aaacttaact	tggccaactt	catgaaggcc	180
aaggagactt	ctgtctctgg	tcttaccaa	ggtatcgaat	acctcttcaa	gaagaatgga	240
gttgagtaca	tcaaggggtg	tggttctttt	gtcaacgaac	acgaggtcaa	ggttgacctn	300
aacgagggcg	gtgaaaccag	tgtcgtggta	agaacattct	gattgctact	ggatctgagg	360
gcacaccttt	ccctggtctt	gagatcgacg	agaagcgcg	tattaccagc	acttggtgct	420
attggccttg	aggaggtccc	cgagaccatg	accgtcattg	gtgggtggtat	tatcggtctc	480
gagatggctt	ccgtttggtc	gcgactcgga	tccaaggtca	ctattggtga	gttcctcggc	540
caaattgggtg	gccccgggat	ggactctgag	atcgccaaga	acactcagaa	gatactcaag	600
aagcaggggtc	tgcagttcaa	gctcaacacc	aagggtcggtg	gccggtgaca	agtcgggtga	660
caaaggtcaa	gctcgagatt	gacttccgcc	aagggtgcaa	ggccgatcta	tgcagttctga	720
cgttgncctc	gttgccattg	gcgcagcacc	ntacaccggt	gcctcggcct	cganaatatn	780
gcctcgagcg	tgacaccgtg	gcggtgtcgt	gacgactccg	ataccgacca	agatccccac	840
atccgatgtg	tggcaactgc	atgttggtct	atgcttgcca	caaggctang	aggaggcctn	900
gctgcgttga	gtnatnaaga	aggatacggc	acgnaacttg	ggcctttctt	nagtatt	957

<210> 118

<211> 1543

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1543)

<223> n = A,T,C or G

<400> 118

gggtcatqcd	tcaatqcccc	catatgctct	cgagtactct	cccgcccat	cattcgtctc	60
ttccaglaa	gaggactaca	gcaaccgagg	aatctccttc	gaaccatca	cgcttcgca	120
acaggcggtg	ggatctctctg	ctgaacctgc	gtatatcgcc	aacgaggaga	ccggtctgta	180
ctccgccatc	ccagatcata	tggctagcat	gaaaggactc	aacggcatgg	ttcagcttcc	240
ttcatccaa	ttggttggtc	cccagttctc	tgcctcctat	ggtacaaaac	acgtctactc	300
tgtgatcgaa	ggttcgccga	catataagcc	aaaaaaaaacg	ctttcatcca	ttcccccatc	360
tatttcggcg	aatcgcgccc	cccaactgct	cttctcacc	cagcaccactc	acatttttgt	420
ccaaccgtct	gattcttgga	acgtccgttt	ccgcttcccg	ttngccccgl	tgctgaggtt	480
aatgaattct	tgcaaacac	tcacctcctg	gcctgtcata	cagcacttct	ggcatatcga	540
atgaaaagcc	aacaccacca	gaacatgtct	tcaacacgaa	actccactgt	ctgctgttga	600
aggaagcccc	gctaccctt	ctatgggtct	gcacaggtg	ttctcccacc	tcgcccagtg	660
ggaatacaac	ggcgacgggt	cattgagcga	gcagcgaaga	tctgcacccg	cttctaacgg	720

tgctgtccga	cgggctcggt	ccgctactgt	tatggaagtt	ggtccttata	cccagaagtc	780
ccactcctgc	cctattccca	cctgtggcgg	tctcttcaag	cgtttagagc	acctcaagcg	840
acacgtccga	acacacacac	aggagagacc	ctatgtttgc	cctcactgca	gcaaggcctt	900
ttcaagatcc	gataatttgg	cacaacacaa	gcgaccccat	ggtcgcgaag	acggcggtga	960
cgggttcatta	cacctgtctg	gtgatgaana	ggaggacttc	tccggtgatg	accatctcgg	1020
ctcattggaa	gangettccc	ctcactctga	cagtgcatac	gtgacgggct	cgctgaatac	1080
tgccgctcat	ggctcgactc	ccccttcaag	caatgcaccc	acacaaacct	tcnacagcct	1140
cgaaacntt	agcatgcccc	tgacnataac	caaccggntg	ctatcaacgc	tagcngcatg	1200
atgttacggt	tgaattatgt	ncaacttgtc	nttttatattg	cacacagttc	ataactacaa	1260
gggatttatg	gcttcaattt	tggcggcaat	ctgcaacggt	ttttgcgtgc	actctgcttg	1320
actttcctat	gttcatattt	tactacattt	atTTTTTTTg	ntggaagcgc	tcacggnngg	1380
ccaaaatatg	gttttgatag	acccatgctg	nggtagctgg	gacaaaagctt	ctgatgaagg	1440
gctgnggtca	tcatgaanac	agcattatgt	tgaggagtn	aaaggatgca	tntatatata	1500
aatagggtgc	gtcttttgat	gattggtaaa	ntattttaaaa	tat		1543

<210> 119

<211> 563

<212> DNA

<213> Fusarium venenatum

<400> 119

tacaaacgct	atccaatggc	cgacgaatca	aagaaagatg	gtggtatcac	ctttgcaggc	60
caagacaagc	tgccgaagtt	gcccgtcccc	gagctagaag	ccagttgtaa	gaaatatcta	120
gaagctctta	agccgcttca	aactgctcgc	gaacatgcac	aaacacagta	tgcggtgaac	180
gagtttctta	agggcgacgg	ccctgagcta	catgagaaat	tgaaggcata	tgctgagggg	240
aagacaagtt	acatcgaaac	gttctggtag	gactcttata	tcaactttga	taaccccggt	300
gttcttaate	tgaacccctt	ctttcttttg	gaagatgacc	cgactcctgc	tcgtaacgac	360
caagtcaccc	gcgcgcgttc	tttggtcggt	tcgtctcttg	aatttgctcg	cgctgtgcgt	420
aaagaagaac	ttgccccaga	caagggtcaaa	ggaaccccc	tttgcatgta	ccaattctcg	480
agactgtttg	gtactgctcg	ggtgcccact	gaggaaggat	gtcaaatega	gcaagatccc	540
gaatcgaago	acattgttgt	tat				563

<210> 120

<211> 856

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 120

ttcttaacga	accatcttcc	tccaaatccc	gcctcttteta	ctcttttcage	cttgactgaa	60
ttcttttaag	ctgacatata	gtcgacaatc	cagcaaaactt	ctctccctca	acacataaat	120
acgacttggt	ctcctgtttt	attacatcag	gacgacctct	tctttgcaaa	tcaacgaccg	180
cgataactcg	caacacctat	cttagataacc	cccttctaca	catcaaaaat	ggctcttaag	240
cgtattaaca	aggagttgac	tgatctcggc	cgagatcctc	cctcttctctg	ctccgctggc	300
cctqttggcg	aggatctggt	tcactggcaa	gctacgatta	tgggtccttc	tgactccctt	360
tactccggcg	gtgtcttctt	ctttggcatt	cacttcccta	cggactatcc	cttcaagcct	420
ccccagggtca	acttcaaccac	acgcattctac	caccccaaca	tcaactccaa	cggaagcacc	480
tgtttggaca	ttctccgaga	ccagtgggagc	cctgctctga	ccatctccaa	agttcttctg	540
tccatctgct	caatgctaac	ggatccctaac	cctgacgacc	ctntgggtgcc	tgagatcgcc	600
catgtctaca	agactgaccg	accccagatac	gaggccacag	cccagagagt	gactcgaaag	660
tcccatctta	aatgaacnata	tggacgaagg	cggggtggacc	ctgagtcgat	ttgtttccct	720
atcatgagcg	acgtgaaaacg	atcgagtggga	aacttcccac	ggcgttgca	tatggtctta	780
agtcggcggt	acccaaaaag	atgtttttttg	cctgtatcga	ngcttttact	gggggttgac	840
aaanaagaaa	ncaacc					856

<210> 121

<211> 746
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 121
 gcnatataac gttggtgacg aggtcgagtt gagcgctccc gctgganagt tcttctctcaa 60
 ccccgccgac gcttcagccg agaagaagcc tcttggtctc ctctcgcccg gtgttgagc 120
 cactcctctc atttccatcc tcgattccgt tctcnaatcg gagactgcct cgcggcctat 180
 cacatggatc catggagctc gttattccgg ctcgacatgc ttctgtcctc atgttttgga 240
 ctcggccaan aagcacgaca acatcacccg caagatcttc ctcgaggatg tcaaagaagg 300
 cgnaccagtac gacttttaagg gcgagatcga tcttgctcgt ctgcaaacgg acaagcttct 360
 cagcttgac agctctgatg ctgaatactt catctgcggt cctgaggact ggatgggtcaa 420
 ggtcaggggc tctctcgagg agaattggagt tccccgcgag cgtcagcacc tcgagttggt 480
 caagactggt gacgtctaaa atactgtgaa agcgtcatag attgtgtntt tttatcaaat 540
 tgtgaattgg ttttgattgg catattgaag gcgttgggga ctgcttcatg gggaggggtg 600
 attattcgag acgcttgaat tgaccaaaaga ctacatatac tagataccag ccactaccct 660
 catctcaaac aaaaataaaa agttatttnc ttctaaaaaa aanaaaaaaa tncctgcggt 720
 cgttcgagca tgcatttnna gggccc 746

<210> 122
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 122
 catgcttgct ctttctttga tgacagtcca cccgaccgag gatcctgaag aggcgttctc 60
 tcgtaccgtt aatacccgaa ttgccggtgg tggaaaggctg gctgcaacag ctgaaccacc 120
 gcgtgtagtg gtagacgtac ganaattccg tctctcttta ccttcactcc ttcacggtcg 180
 ctccatggtc atagtcccat gtatgtctac gggtggggat tacattctgt caccgaatat 240
 ctgtgtggaa cgtaagtcca tcagtgtctc gatctcatcg ttcaaggatg gcaggctcta 300
 cagtcaggcc gagaccatgt tccagtacta caagaatgtg atgcttctga tcgagtttga 360
 ccagaacaag tcttctactt tggagccatt cgtgatctt tctggaagcc tgagcagtgt 420
 tgcctcaact aacatgtcat ccgaccttca atccaaaacta gtgctactca ccatagcatt 480
 tcccaagttg cgcctcatct ggctctcttc tccctatcag accgccgaga tctttgagac 540
 ctcaagacca agaagaagan cagatccgat cgcgctgtc aaaactggt 589

<210> 123
 <211> 2338
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2338)
 <223> n = A,T,C or G

<400> 123
 gaagaatggc cagcagtttt tggagtataa tattattggc ggtgttctcg acttttactt 60
 cgttgctggg ccctcgctc gtgatgtcgc gaagcagtag gccgagatta ccactctacc 120
 cctcatgacg ccttactggg gtctcggttt tcaccagtgc cgatacggct accgtgatgt 180

ttatgaggtt	gctgctgttg	tagccaacta	tccgctgnt	ggaatccac	tcgagacgat	240
gtggacagat	attgactaca	tggaacgtcg	acgcanttcc	accattgatc	cagagcgctt	300
ccctgcagac	aagtacaagg	accttggttg	tacgatccat	gcacgagacc	agaagtacat	360
cgatcatggt	gacccagccc	gtatatgaca	tggaatctaa	tccggccctt	gattcaggcc	420
tcgagtacga	cactttcatg	aaagagcccc	acggctccga	ctaccgaggt	gttgtgtggg	480
ctggacccan	tgtcttccct	gactgggtca	accccaactc	acaaaagtac	tggaaacgagc	540
tctttgccaa	tttcttcgat	ggcgaanaac	ggtcctgata	tcgatgggtc	ctggattgat	600
atgaatgagc	ctgcaaactt	cttcaaccgt	ccttaccctg	gcaacaacac	cactcctgag	660
aagttcgcag	anattgatgg	tgatccccc	aagccgcctc	ccgtccgtga	tggtcctcct	720
gctcctatcc	ctggcttccc	cgacagtcta	cagcctgcac	cttctcgtct	taacacgcgt	780
gaatctgttt	ccatcgccaa	aaccaccatc	cacaagcgct	ccatggcagc	ccgcacaaca	840
tcccacagcc	gtggcggttg	acagtggtgt	accaagaagc	actggggaca	gaacaagtac	900
ggccgcccctg	gctccagctg	gccccaatggc	aagaagaccg	gatctggttg	tggcccgaat	960
gagtgcgaagg	gtcttcccaa	tcgagagctc	atccagcctc	cctacatgat	ccagaacggc	1020
gcgggaccca	cgcttgctga	cggcactacc	gataccgatc	ttgtgcagag	cggagattac	1080
ctccagttatg	acacacacaa	cttggtacggc	gctcagatgt	caacacatcc	gcacaatgcc	1140
atgcgtgctc	gacgtcccga	caagcgcgct	cttggttatca	cgcgtagcac	ctltgctggt	1200
tctggcaagg	atgtctcgca	ttggcttggt	gacaacctct	cgatctggga	tcagtaccgc	1260
tttagcattg	gtcagcttct	ccaatttgca	tccatctacc	aaattcctgt	tgttggtgcc	1320
gatgtctgtg	gtttcggcgg	taacgtcact	gagactctat	gcgctagatg	ggctacgctt	1380
ggaagtttct	acactttctt	ccgtaacccac	aacgagatca	ctgctgcac	acaagaattc	1440
taccgctggc	ccaaggctgc	cgaggcagcc	cgtactggta	tcgccattcg	ttacaagctc	1500
ctcgattaca	tctacactgc	catttacaag	cagaaccaga	caggcaccac	tactctcaac	1560
cctctgttct	tcaactacct	caacgacaag	aacacatact	ccatcgacct	tcagttcttt	1620
tatggtgatg	gcctcctcgt	cagccctggt	acaaaggaga	acagtactga	gttggaatat	1680
tacctccctg	atgacatttt	ctacgagtgg	tccaccggaa	agcctgttcg	tggtactggt	1740
tcatatgagt	ctgcagaggt	tgagctcact	gatatacatg	ttcattacaa	gggtggcacc	1800
atctaccccc	agcgtgtcga	cagtgcacac	actaccacgg	ctctccgcaa	gaaggggttc	1860
aaccttggtta	ttgcacccgg	tctgaacggg	aaggcttctg	gatctttgta	cctcgacgat	1920
ggagagtctg	tcgtccagga	cgctgtatcc	gagattgact	tcacttacac	caagggcaag	1980
ctgagtatgg	gtggaagctt	tgagtaacga	gccggtgtca	agattgagac	gatcaccatt	2040
cttgggtgttg	aaaagcagcc	caagggcacc	gatcatgcag	agtatgactc	tgagaacaag	2100
aagctgatct	ttgcggcgga	tgtacctttg	acgaaaaaac	tgttatgtgg	atctctcttg	2160
agaacagagc	gaacaggatg	atgatttttg	tactttgacg	ctgggttcacg	actgtattca	2220
aaattcttga	tgtatataat	gagcgggtta	tgaagggttg	ggttatatga	aagatgttaa	2280
attgatcaac	cactcatgta	tactaatgta	ananatttct	gcgncggtn	agctgcac	2338

<210> 124

<211> 568

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(568)

<223> n = A,T,C or G

<400> 124

gcacggctga	tctcaangaa	gttcccaaac	aacctgggtc	cctacccccg	aatccactac	60
ctctctcatca	gttacgttcc	tgtcatttct	gccaacaaga	gcgagcaaga	gagcttcaag	120
gttcaggaga	ttaccttcca	gtgctttgag	cccaacaacc	agatgggtcg	ctgtgacccc	180
cgaaacggca	agtacatggc	tgtcgtctct	ctgtaccgtg	gtgatttgtg	tctctcgagc	240
tgcacgcggc	ccatcgcttc	cctcaaggcc	aaggcctcat	tcaatcttgt	tgagtgggtg	300
cccactgggt	tcaagctcgg	aatcaactac	cagaagccta	tggtctgtcc	tgtcctctgt	360
gaagctgggt	gtcttgctcc	cgtaagcgga	tccgtctcca	tgttttccaa	ccccaccgac	420
atcgctgaag	cctgggtcgg	tcttgactac	aagttcgacc	ttatgcacag	caagcgtgct	480
ttcgtccatt	ggtacgtcng	cgaaggatat	gaagaangan	attcaccgaa	ggccgagaag	540
atctcctctg	tctgganaaa	gattacaa				568

<210> 125

<211> 1700
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1700)
 <223> n = A,T,C or G

<400> 125
 caacgacgcc aacgaaacgt aacgacgact cttttttctct tttacaccat acacaccacc 60
 acttctttttt actaccaatt aataactcact cacattttaat acgtcgtcat catgtggatc 120
 gtcaactggt tctacgatgt gctgtcctcc ctgggacctgc tcaacaagca cgcaaagctg 180
 cttttctctcg gtcttgacaa cgccggaaag actactcttc tccacatgct gaagaacgac 240
 cgtggttgcca ttctccagcc cactcttcac cccacatccg angagcttgc tatttggtaac 300
 gtcgcttcca ccactttcga tcttggttgc catcaacagg cccgacgtat ctggcgcgat 360
 tacttccccg aggtcaacgg tgctgtcttc cttatcgacg ccaaggacca cgagcgattt 420
 ggtgangcta agggcgagct cgacgccttc ctctctatgg aagaactttc caaggttccc 480
 tttgtcatcc tcggcaacaa gatcgaccac ccgatgccgt ctccgaagac gaaatgcgac 540
 accaactcgg gctctaccaa acaaccggta agggcaaggg tcaacttgag ggcacccgac 600
 ctattgagct cttcatgtgc tcantagtta tgcgccaaag gttacgggga cnggtataag 660
 cctggttgggt cacagntacg tctaaaggga aaacengaaa ggggaaacgg ggggtggnet 720
 ggagattata tcttacgtta cgttaacnln cttgggtcgan ngggaaaacg aagacatgtg 780
 actattcatt gttgttgcaa catttcanaa attcttcgtt nccgtcgcgg cccatgaagt 840
 tcaggatggc ctgcacgcca ccgggtgttc ttcgagccag tcgttcagggt ccaggacgac 900
 acccttgacg acgaccaga cgttgctctn ggtgttgtgc tctggatntc ntccatggtg 960
 tatcctttnt cgggaacctt gaaggccttg ggtcgttggg cttagcagcc ttggcaccat 1020
 cctccttgac ggggttgagg ccggcggcaa cgtcgggtgt ttgtcgacct ttgaaggagt 1080
 ccggaagcct gaagaagcgg cgcaggagc accccaggag acagtcacct tggttgggga 1140
 ttgaaggatc gaggtgcaga gagatttgac caacacgttc agcggcgctg ccagcactgc 1200
 ccttaagggc gttctggaag aggtagttac tggcagtgtc accagcaaca cgaccgtaga 1260
 caacacatcc gagaagagaa gaaccacca gacggttggc accgtggaca ccaccagcca 1320
 actcaccaca ggcgtagaga ccgtogaagg gctgctgtgc ctggttgagg acctgggcct 1380
 tgtcgttgat ctcaatacca cccatggtga agtgaggaaac gggctccatg acagcgacgt 1440
 ggaagtcgtc gtcaacgttg acgggcaggt tgtggaagaa cttcttgccc caagggctct 1500
 tctgcttgcc gtccgcaata tcgttgtatg tagagaaggt cttctggagg tgctcggggg 1560
 tgcagccaat ctcttgga agctccttac cagtcattct cttcatgaga ccacggccag 1620
 agtagtggcg agtgtggaaa tcaaggacct tgggaagcctt ggagttgaga ataagtcgga 1680
 tagggaactt gtccttcttc 1700

<210> 126
 <211> 819
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 126
 caaggagcaa gtcaagatgc ctccccgcgc ccactccaag acctntcgtg tccccgcgcg 60
 accttccgag tctgcccagc ttgaactcga gcttaagctc gttggcgagt atggcctgcg 120
 caataagcgt gaggtctggc gagtcggtct gactctgttc aagatccgtc gtgctgcccg 180
 ttagctcctt acctcgcagc agaaggaccc caagcgctcn ttccaaggga atgacctcat 240
 tgcagctctc gtcggtgttg gtgttctcga cgagtcctgc atgaagctgg attacgtcct 300
 ggccctcaag atcgaggatt tcttgagcgg tcgtctccag acctgtgtct ggaaagctcg 360
 gtctcgccaa gtctatccac cagcccgctg tctgatccg ccagcgtcac atccgagtcg 420
 gaaagcagat cgtcaacggt ccttntttca tcgtccgtct cgaactccag aagcatatcg 480
 acctcgtctt tacctcgcgc ttgggtggng gcgtcccggt ccgtgtccgc aaaaagaagg 540

ccaagggcgc	cgagggcggt	gaggggtggcg	aggatgagga	ggacnaggag	taaatgcaac	600
taaaaaatgc	aaaagcggnt	ctccctgtct	agggcacttg	gtgatgggat	accactcatg	660
ggaaggggat	tctcttcata	gcttgcgggc	ttggccagag	gataaaaatg	gaatgatttc	720
accggataac	gacaaacaaa	actttcccgc	tgtctcttca	ctgtgtatat	gaatccccatg	780
aaacatgaat	ccaatcatga	catctcccc	nnaaaaaaa			819

<210> 127
 <211> 925
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

<400> 127						
cctcaacgac	gtcgacttgt	ctttctcgta	gcgcactcac	tttcaccttc	atcacctcca	60
tcctcgaaact	cgaccctaata	agaaacccat	cccaagctac	aatatcgag	ccatggccaa	120
cgacgagtat	gatttccctct	tcaaagtcgt	cttgatcgga	gactctggag	tcggaaagtc	180
caacctttctc	agtcgattca	cccgcaacga	gttcaacctc	gactctaagt	cgaccatcgg	240
tgctcagtttc	gccactagat	caattcaggt	cgactccaag	acgatcaagg	cccagatttg	300
ggataccgct	ggacaagagc	gataccgcgc	cattacttcc	gcttactatc	gaggtgccgt	360
tggcgctctc	ctcgtctacg	atattagcaa	gcaccagacc	tacgagaacg	tcacacgatg	420
gctcaaggag	ctgcgagatc	atgctgatgc	caacattgtc	atcatgctgg	tcggaaacaa	480
gagcgatttg	cgacacctga	gancggttcc	caccgaggag	gccaaagtcct	ttgccagcga	540
naaccacctg	tccttttatcg	agacgtccgc	cctcgatgct	agcaacgtcg	aacttgcat	600
ccagaacatt	ttgactgaaa	tttatcgcat	tgtttctagc	aaggccctcg	acagcggcga	660
tagcgcccan	gccaccatag	gtgcggggcac	caacattttcg	ctcagcaagc	ccgccgatga	720
cgatgcttcc	aaggggtgaa	agtgcgtgta	aattcctttgc	ggaaccgttt	gcagactgat	780
atagggctct	gggggttngg	atacctggcg	tctcgtttgt	ccccgaaaat	gctcctcggc	840
aaacgagagt	ggaggaggcg	aggaatcggt	atacgtcttt	ttttgatatc	aggaggcgcg	900
gttacttcgg	ctttcctttg	ttctt				925

<210> 128
 <211> 858
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

<400> 128						
tgaatcttga	caagaatgag	tcagaaacct	gtgcaagagg	cgccctcatgt	gtcggggccag	60
tccaacactc	ccatgtcagc	acctgctcat	gctctcactt	acgagcaggt	tgctaaagag	120
ttgaacgcca	atcttgaaga	tggacttacg	gatcaagaag	ctaagagtcg	tctcgagagt	180
qctqqacqca	acqaattcgg	agagcaagag	gggtgttcaac	ctctcaagat	ctttatcggc	240
caaatgtgca	atgctctcac	tctagtaact	atctctcgca	tgggtgcttc	tttcggcatt	300
cagtcacgga	tcgaggggtg	tgctcatcgt	gctgcatcgc	ttctcaatat	cgctcgtcgg	360
ttctctacagg	agtttcaggc	tgccaagacc	atggactctc	ttcgtgggtc	caagctcccc	420
gactgectca	gctgttagaa	acggcagcaa	tcaagttatt	cccacggccg	agatcgtccc	480
tggtgacatg	gtcgagctca	agactgggtga	cactatccct	gccgalctcc	gccttgctga	540
ggcggctcaac	tttgaaaacca	acgagggcct	actcaatgga	gagtcacctc	cggtccgaaa	600
ggagatnaac	angatcttcg	acaacgacac	tggccctggc	gacccgtctc	acgttgccct	660
cagtcctcga	ctgtnacaaa	nggtanagct	cgcgggtantg	tcttgcaactg	gtancataca	720
gaaatagtca	aatcgtgtac	tcttcgcgga	aatctccaag	cgccgacagc	aaagagaatg	780
ccaagnaagg	caaagctgcc	tcacgtnaag	cttgaacnca	caattcnatg	ctgtcgnenc	840
ttctgggggtc	aagttgga					858

<210> 129
 <211> 674
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 129
 tcaaagtctt taaacatgtc tcgtcctcag aacattggta tcaaggccat tgagctttac 60
 ttccctagtc agtatgttga ccaggctcgag cttgagaagt tcgatggcgt tagcgccgga 120
 aagtacacca ttggctcttg ccagaccaag atgagcttct gcgacgatcg cgaggatata 180
 taaacttttcg ctcttaccgc taactcgaag ctctcgaaga actacaacat cgaccccaac 240
 tggattgggt tctctgaggt tggtaaccgag actcttctcg acaagtccaa gtctgtcaag 300
 agtgtgttta tgcagctctt tggcgacaac accaacattg aggggtgttga cactatcaac 360
 gcctgtctacg gtggtaccaaa cgtgtttttc aacgccatca actgggttga gtcttctgct 420
 tgggacgggc gcgatgctat cgtcgttgcc ggtgatatac ctctctacgc caagggcaat 480
 gctcgcccca ctggtgggtgc cggngccgcg ctctctgatc cggcccaacg cccctattgt 540
 tggcgagccc ggctgcgtgg tacctacatg cagnacgcct acgatttcta caagcccgcac 600
 cttaccaggc gagtacccct acgttgatgg gcactacttc cgtcaactgn tacagnaang 660
 gttctcgatg ccng 674

<210> 130
 <211> 508
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 130
 ccgcttacct ggggtgccaag cttgcctcgt tctacgagcg agccggtcgt gtccagaccc 60
 ttggtttctc tgagcgcgag ggtagtgtca gtattgtcgg tgccgtcagt cccctgggtg 120
 gtgatttctc cgatcccgtc acgacagcta ctttgggtat tgtgcaggtc ttctggggtc 180
 tcgacaagaa gcttgcctcag cgaaagcatt tcccttccat caacacctng gcctcttaca 240
 gtaagtacaa caacttttg gacaagtact acgagaagaa ctaccctgat ttccccgcac 300
 tccgcgacgc tatcaagcaa ctncctttccg actctgagga gctcgaccag gtcgtgcagc 360
 ttgtcggaaa gagtgtctctg tctgacctg acaagattac tctcgatatt gctggcctga 420
 caangaggat ttctccagc agaacggtta ctcaaactat gaccagttct gnccatctgg 480
 aanactgagt ggatgatgaa ncttatgg 508

<210> 131
 <211> 1012
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1012)
 <223> n = A,T,C or G

<400> 131
 attcaatgga aggtctggca tgatcccgtc catgagcgag accccagcac cgagtcacca 60
 gagctgcagg aatgcttccg ttacctcaac ttgacaagcc gcagttttgc gactgtcatt 120
 caagagttga accacgaact cctcgtcccc atcactctct tctatctctg cctccgtggc 180

ctagacacca	ttgaggatga	catgaccctg	cccctagaga	agaagattcc	ccttcttcga	240
aactttcata	acactatgga	agaggatggt	tggcaattcc	atgagagtca	agagaaggac	300
aaggagctgc	tagagcactt	cgatgtcgtc	atcacagaac	tcaagaagat	caagtcccc	360
taccacaaca	tcatacaagga	gatgactgaa	aagatgggta	acggcatggc	tgactacgcc	420
cgagaacgag	gagatgatca	agaacggtgt	tcaaactatt	gaagagtacg	aattgtactg	480
tcactacggt	gcgggtctcg	tcgggtgagg	tctaacaacg	ctcttcgctg	aatcagagct	540
tgccaacccc	aagctttccg	agcgcccttc	tcttaccgag	tcgatgtccc	agttcctcca	600
gaagacgaac	atcatccgag	atctccgcga	ggactgggca	agacgggtcg	aggtggtacc	660
ccaaggagat	ctggagccag	cacgtgggac	aattggggaa	gaccttttcg	accctcgcta	720
tgaaactaag	gctatcgagt	gtgtgtccca	tatggttctc	gacgcactaa	agcactgcga	780
ggagtgcctg	ttctacatgg	cgggcaccaa	ggaccagaat	gtttttaact	ttgttgccat	840
tcctgaaggc	atggccattg	caacactggg	aactttgttt	ccgccaccct	gatgtcctcc	900
agaagaacat	caagatcaca	aagggcgaag	cctgcaagat	catgttcgaa	tgcacacaga	960
actcttcacc	gtgtgtgang	tcttcaagcn	aatatgcccg	ccaagatcgc	ca	1012

<210> 132

<211> 1949

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1949)

<223> n = A,T,C or G

<400> 132

ctagtattcc	cataattatt	tatccttcgt	ccttcctcgt	tccatcctta	agaatttggtg	60
catecccttt	atattattat	ttattcatct	tcccttctct	tctgtcttag	aagagtaaac	120
aggttgacac	cactcgtttc	agctgtaaaa	ccgacaacct	tgttagaggaa	agctgtgctc	180
cctcgccctt	gcttgcactc	gagaaccatc	agtcaatcaa	tacctcttga	ctctcctttt	240
atattattgc	tacatcaact	gcataattat	ttgtctcttt	acctggcatt	acttacattt	300
tattgctttc	tcttggcgtg	tatccatcac	cgagaccatc	actcgacgtt	atcatctacg	360
acactttcat	ttcccttgtc	ctcaagtcgt	tacactctgg	acacgaaacg	ccgatcaaata	420
tccttcgggt	tacagaaaca	atcatttaata	tatcgccgat	atcgcataaa	caactcaccc	480
gttttattta	atacatcttg	gacatcccat	ctattcgctca	ccttttcagtc	tcaacctttt	540
gggactgaaa	cgaactacct	acaaattggt	tactgaaac	gcaacgcata	aacattaaga	600
aacatccaaa	cttcattttc	caaactcgaga	ncacgatnct	tcagcttggt	ggttgtcagc	660
atcctancgc	gtttcaactg	ggttcccgtt	ttattgaacc	aaagatctat	atcaatgctt	720
caagtctgag	ccaagccaca	atcagctcng	tcatataact	gagcttgaag	cactttcgat	780
aacttgatca	aaactttcat	tttggaataa	atattcttaa	cacttggtct	catacacaaac	840
acatcattca	caatgactgg	acaatctaca	agacgatggc	ttcagctatc	tttctcttc	900
atggctggca	ccgcttcage	aggatccctc	aagctatccg	actttgagtc	gataagcgac	960
aagtctttcc	catcaaaactg	tattgcagca	taagatacgc	cactcgacga	ctgtaccccc	1020
aacgaactca	ctgggtggcaa	ngcatgcagt	gctgcctgca	aggactcagt	tcaacaaact	1080
cagggcttca	tcattgcttc	atgtggtgac	gtctcagccg	actccgaatc	tcttcttagc	1140
cgcggccaga	aaggcaacct	cgttgctggt	cgctgccgag	atgacgatga	accnccaatc	1200
ccagtctgaa	ggctcaatca	gaagcgcaac	cctgaccgac	atcaaccaaa	ctctgagcaa	1260
cgaaactcaa	gcgctccatgc	cagcaatcat	gacaacaggt	ancacgcttg	ataccgtcga	1320
caaggnactc	acgccanccg	taaagggtgt	caaacttgga	cttggtgacg	gagtcggtga	1380
cgttgatggc	gggacaaggga	gcttggtgtc	acggagatgc	cggtagaggt	ggtggacacc	1440
ggtggtggtc	tcctcagaga	caccgaagca	gtccttgagc	atctcagggt	acttctgggtg	1500
gacaagggtg	gtcagggtcac	caccgtcgtc	gaggatgagg	ttgagcttct	tggtgtcctt	1560
gaaggcagta	agctgctgct	cgaggcacca	gttgactctc	tcacgggtct	cgccttcca	1620
ggcgaagacg	ggaacaccag	cggcggcaat	ggcagcggcg	gctggttcct	gggtggagaa	1680
gatgttgtag	ctgggtccag	taacctcagc	accgagagca	gtaagggtct	cgatgaggac	1740
gggggtctgg	atgggtcatgt	gaaggcaacc	agcgatacgg	gcacgggcga	gaggtcggtc	1800
ggcagcatac	ttggtctggg	tctgcatgag	accgggcata	tcgttctcag	cgagctcgat	1860
ctccttgccg	ccaaaggcgg	caagagaaag	gtcagcgacc	ttgaacttgt	gggcggggagc	1920
agacataatg	gatgaggtgg	aggagagga				1949

<210> 133
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 133
 tgatgttcca agcttcccag ttgggtcttg gatcccagtg gcttgagacc aagaagccta 60
 cgagcatgcc aacgagcttc tcggagatat cgtcaaggtc accccaacct ctaagggtgt 120
 tgggtgatctt gctcaattca ttggtctccaa cggctcttcc cctgaagatg tcaaggcgaa 180
 ngctttctcaa ctcgatttcc ctagtctcgt tctggagttc ctcgagggtc tgatgggtca 240
 aacctacggt ggattccccg agcctcttcg atccgatgct ctctgtggcc gacgcaagct 300
 cgacaagana cctgggtctgt tctcgaaacc tgttgacttc gtgaagacca agcgcgaact 360
 tggcaagaag tacggcgcac cagttactga gtgcgaactt gcttcgtacg tgatgtacct 420
 aaggtctttg aagactacaa gaaatttggt cagcaatacn gtgatcttcc cgtgctgccc 480
 actcgatact tctgtctcgt cctcgagatt ggtgaagaat tcaacgttga actccaaaaa 540
 ggcaagggtct tgattctcaa nctcctgccg ttggtcctc 579

<210> 134
 <211> 622
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 134
 gttcgatatt acgacttgac taatgttcag ggtaccgctc gtgggttgga ggcgcaagag 60
 cgtattctcc tatgcgtgcc gctccgtgat gctgaagcgc acttgagatg gtttttttcc 120
 cacatgcgca acctgacata cccacaccac ctgattgatc tcgcattcct cgtctccgac 180
 tcaaaggaca acactctcaa ggctctctcc gatagtgttg aggctattca agccgacggg 240
 gaccctaagc agccttatgg cgagatctct atcattgaga aggactttgg tcagaagggtc 300
 aaccaagatg tcgaaagccg tcacggatcc gccgccaggc tagtcgccga aagctgatgg 360
 cacaggctcg aaactggctt ctgagtgcgg ccctgcgacc ctatcattct tgggtttatt 420
 ggcgcgacgt cgacgtcgag actgcgcctt tcaccatctt agaagatctc atgcgccata 480
 acaaggacgt tatcgttcca aatgtctggc gacccttgcc tgactggctt ggtggtgaac 540
 aacctatga cctgaaactc tggcaagagt ccgaaacggg tntagctttt cgcgcacctc 600
 ttgatgaaga agctggcacc gt 622

<210> 135
 <211> 819
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 135
 gcccgctctca agtacaccat cgacgacatg accgtgcctg tcttccgcag taagggttgag 60
 gagctctggtt gcaaaaagtt cgagaacgag aagcctttcg agttcaagag caacgtcgat 120
 acctttggtt ggcagaagga tgagaacggc cttaaccact tcaccttttt catcgagaac 180
 ggccgctatcg aggatacccc tgagttccag atgaagactg gctgcgcgaa attgccaagt 240

ccctcaaggg	cgaagtctga	gtttcgctta	ccggtaccaa	gcattctcatc	ctcagcaacg	300
tcgccgacga	ggacctttcc	gatgtcaagg	gagctcatga	agaagtataa	gctggacaat	360
gttcagttct	ttggttctcg	gtttcagctt	ttctgggttg	gttggttttc	ccacttgtgg	420
tcnttgccat	ggccgagtc	gaagggatac	cttccttgg	cctacatttc	caagcttgga	480
gggttggcct	cgaggagaac	ggtcttcgcc	aggactctat	cgatcatgct	atgactgggt	540
gccccaacgg	ttgcgctcgt	ccttgggtgg	ccgangttgc	tttcgctcgt	aaggcgtacg	600
gtgcttacaa	catgtacctg	ggtgggtggc	accacggcca	gcgcctcaac	aagctatatac	660
gccagancat	caaggangac	ganatctcga	catcatgaac	ctctcctcaa	gcgatacctc	720
tcgancgaaa	cgaaggcgaa	cgcttcgggtg	actttctgct	ccgctctggt	gtcattgttg	780
ccaccaccga	cggccaaact	tccacaaaac	nttgccgaa			819

<210> 136
 <211> 610
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 136						
ggtcttttcag	acgagacaga	catcactgtc	aagggtctag	aggttgtcaa	gaaggcttcc	60
agggttttacc	tcgaagccta	cactagcatt	ctgctgggtg	agcaatccgt	cttggaaatcc	120
tactatgggc	gctctatcac	ggtagctgac	cgtgagatgg	tcgaatccaa	cagcgatgag	180
atcctccgaa	acgcgcagaa	cgaggatggt	gcattccttg	tcgttggcga	tcctttcgggt	240
gcgacaacac	atacagacct	cgctcctcgt	gcacgagaac	tcgaaattcc	cgtcggaaca	300
gttcccaatg	cctccatcat	gtccgggtatc	ggtgcatgct	gtcttcagct	ctacaacttc	360
ggtcagaccg	tgtccatgg	tttcttcaca	gacacttgga	agcctgcac	cttctacgac	420
cgcataaagg	agaaccgnca	gatttggcctt	catacattgg	ntctgggtgga	tatcaaggctc	480
aaggagcaaa	gtctcgagaa	catggctcgt	ggtgcctcgt	tctacgagcc	ccctngctac	540
atgaccgtgg	gccaatgtgc	tcagcaaatg	ttggaaattg	aggaggaacg	caagganggt	600
gtatacacta						610

<210> 137
 <211> 810
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 137						
ctcatcttct	ctcatcatca	tccttcactt	gcctaccaca	ctggttttatg	ctggctacaa	60
ttgnaggcaa	acactgatcc	aacaactcac	ttagaaacat	aacataaagt	caacatggct	120
atcaagaagg	tcttcgccc	ctccgtctac	gactcccgtg	gaaacccac	cgtcgaggtc	180
gacgtcgtca	ccgagactgg	cctccaccgt	gccatcgttc	cctccggcgc	ctctaccggc	240
cagacacgaq	cttgcgaqct	ccgaqatggc	gacaaqtcac	agtggaacgg	caagggtgtc	300
accaaggctg	tcgagaacgt	caacaccgtc	attgctcccg	ctctgattga	gaagaacctc	360
gatgtcaagg	accagtctgc	tggtgatgct	ttctcaaacg	agctcgatgg	taccaccaac	420
aagaccaagc	ttggtgccaa	cgccatcctt	ggtgtttctc	tgcccgctgc	caaggccgggt	480
gcgctgaaa	anggcgtcct	ctgtacgctc	acgtctccga	tctcgccgga	accaanaagc	540
cctatgtcct	cccgcgtccc	ttcatgaacg	tcctcaatgg	tggttcccac	gctggtggcc	600
gcttgnctt	ccaagagttc	atgattgtcc	ccactgaacg	tcctaccttc	actgaggctc	660
tcctccaggg	ngetgaggtc	taccaagctn	ttaagggtct	ggccaaaaan	cgatacnggc	720
aattcttgcg	gcaacgttgg	tgaacnaggg	tggtgttgcc	ccttgatatac	caaaactggc	780
cgangaggct	ntttgagctc	atcaaccgat				810

<210> 138
 <211> 886
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(886)
 <223> n = A,T,C or G

```
<400> 138
cttttttcctt ttgaaaaatc ttgcacatcc tactaaccac caggacctcg accaagccgc      60
caagatgggt gccctcaagt acgtcgaaga gcttcagaag aagaagcagt cggatgtcgt      120
tgccttcctc ctccgagttc gctgctggga actccgtcaa ttgaacgtca tccaccgcgc      180
clctcgtcct tcccgctctg acaaggctcg ccgtctcgga tacaaggcca agcagggcta      240
tatttatctac cgcgtccgag tccgcctggg tggccgcaag cgcctgtctc ctaagggtgc      300
cacctacggc aagcccacca accagggtat caaccagctg aagtaccagc gatccctcaa      360
ggctaccgct gaggagcgtg tcggccgcgc ctgcgctaac ctccgagtc tcaactccta      420
ctggatcaac caggactcta cctacaagta ctacgaggtt atcctcgtcg accccancca      480
caaggccatc cgcctcgacc cccgcaccaa ctggatcgtc aaccccgctc acaagcaccg      540
cgagtgcgcn ggtcttaccg ccaccggcaa gaaagtcccg tggctcctaac aaggggccacc      600
gntacaacaa gaccaaggct ggccgcacaaa agactggaag cggcacaaca ctntgtccct      660
gtggcgatac cgataaacgt ctgcgccctt ggctgggaag tttgttttcg caccacggct      720
gtctggttgt actcgcgatt tcgatttggg aggggttggc tttggcaactg natgcttgga      780
ctctggggag tcgggaacct tgtttggtag cataaaaaat ggaatcaaaa gtaattccaa      840
gttcatgatt aagatttaga tatacctacg gtttcccggc taaaaa      886
```

<210> 139
 <211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

```
<400> 139
ggtggacaag gtcaagctga agcaaggnaa ccgtgtggca ctgcacatga cgacacttac      60
catcatgaga atgttgcttc gcgaagttga tcccttgggtg tacaacatgt ctctggagga      120
cccgggtcag gtgagctttg ctggaattgg tggattgaac gatcaaattc gagagttgag      180
ggaggttatc gagcttncct tnaagaacct tgagctgttc ctacgagtcg gaatcaagcc      240
gccaaagggt gttctgttgt atggccccc cggaaaccggc aaaactttac tggcacgagc      300
tgttgccagt antctggaga cgaacttctt gaaggctcgt tcttccgcca ttgtcgacaa      360
agtacatcgg tgaatcggtc cactcatten tgagatgttt ggatatgcca aggagcacga      420
gccctgtatc atctntatgg acgaaatcga cccatcggtg gacgacgctt ctcanagggt      480
accagtgcgg atcgagaaat tcagaaaaca cttatggagt tgctnaacca gntggatgga      540
tttgactact tgggccanaa caaagatcat tntgggcacc aacccgaccc gacacgttgg      600
accctggact ggttt      615
```

<210> 140
 <211> 624
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

```

<400> 140
ccaccttgct gteaagcaact tctccgttga gggtcagctc gagttccgtg ccatcctctt 60
cgttcccaag cgcgctccct ttgatctctt tgagaccaag aagaccaaga acaacatcaa 120
gctctacgtc cgcgctgtct tcatcaccga cgatgctacc gacctcatcc ctgagtggct 180
cggcttcgtc aaggggtgtg tgcactctga ggatctcccc ctcaacctgt ctcgagagac 240
tctccagcag aacaagatca tgaaggatcat caagaagaac atcgtcaaga agtctcttga 300
gctcttccag gagatcgccg aggacaagga gcagttcgac aagttctaca gcgccttttc 360
caagaacctc aagcttggtg tccacgaaga ctcccagaac cgatccatcc ttgccaaagt 420
cctccgattc aactccacca agtctgggga tgagcttacc tccctcaccg actacgtcac 480
tcgcatgccc gaacaccaaa acaacatggt ctacatcact ggggaatcca tcaacgctgt 540
ttccaagtct ccttctcttg aagctctccc nagaagggtt tgaggtntgt cctcgtgccc 600
catgatgagn cctgactca ctca 624

```

<210> 141

<211> 1012

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1012)

<223> n = A,T,C or G

```

<400> 141
cgaccaattg acccccggga gttcaattga acctctcttc tccgccagac cctcgggtcca 60
cctcgaacga cctctccgag ccaaactccc tcagttcaca atggcccacg ccactatgct 120
tgccgcagca cagctcgccct cgagctcttt gagcaccaga gctaccagca tcgttggcct 180
cgtccagcag cgaggctatg cgacacctca cggccctccc ccgcaccaact tccgaacgag 240
taagcctgtg aagtggacgt gggataatga tagcaccctg gaccgcatgg gaaagttttt 300
cctcatgacc gagatggcga ggggcatgta tgtcctgctt gagcagtact tccgaccacc 360
ttacactatt tactaccctt tcgagaaggg cctatctctt tcccgattcc gtggtgagca 420
cgtctttcga cgataccctt ctggcgaaga gcgatgtatc gcctgcaagc tctgcgaggc 480
tatttgcccc gccagggcca tcaccatcga ggctgaggag cgagctgatg gatcccgccg 540
aaccaccaag tacgatatcg acatgaccaa gtgcatttac tggcgggtttc tggcaggagt 600
ctttggccct gtcgacgcca tcgttgagtc gcccaacgcc gagtacgcta ccgagaccgg 660
agaagaactt ctgtacaaca aggagaagct tctttccaac ggagacaagt gggagcccga 720
gctcgcagcc gncatncgcg ccgactngcc ataccgataa actagtcaac tgggaaagcc 780
gtcatgaaaa aagggaaatg gagatgttgg atttgaatgc atagttttta tttgtgtttt 840
tcgcctttgt tacctagggg cgtttggaac gtcgctgctg taggaacata actttttttt 900
ggtggtagca aggcggcaaa ggactagagg ggggcgggct ttcggatggg tcgagcggag 960
agggcagatg tacataatct agacgtccaa aaaatgcccc tttgtcactc at 1012

```

<210> 142

<211> 1109

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1109)

<223> n = A,T,C or G

```

<400> 142
ctgaatatga acgcgacaga gcgagttgtc gagtatacan accttgagat ggagtcactc 60
gtgggggaga agccccctgc tgcgtggcct acttngggaa ctatgaagat tgataacctg 120
gaggtctcat atgpatatga tetgcaact gttctcaag gaatctcttt cgaagttaag 180
aacaatgaga gagtcgggtg tgtaggaagc actggcgtg gaaagtcgtc cctgacactt 240
gccttggttc ggctcttgga ggctcgtctt ggcagcgtta ccattgacgg tctggatata 300
tctaagggtg atctgtatag cttgagatct cgtctcgcca tcatacctca ggacctgta 360
ctttctctcg gcactatcag atcaaacctc gatcctttcg aagataatac agacgacgag 420

```


ctccgcgaat	ctctgactcg	tgtccacctt	gtggattctc	agcccgtac	gcctgcaaat	480
gaaccctcgt	cggcagcaac	atcgacactt	gctgtcaaga	acacaaacat	tttccgagac	540
ctctcaagcc	ccatctctga	atctggaggt	aacctctcgc	aaggtcagcg	tcaacttcta	600
tgcttggtctc	gtgccattgt	agctcgaccc	aagattatgg	tcttggaaga	ggccacctcg	660
gctgtcgata	tgactaccga	tgcactcatc	caacgaagta	ttcgtgagga	gttcaactgac	720
agcacattga	tcgtcattgc	acaccgtctg	agttccatcg	ctgactttga	ccgtattctt	780
gttctttccg	atgggtcaagt	cggcgagttt	ggaacaccca	agggagcttt	tgggaacaag	840
aaggcgtggt	ccgcgacatg	tgcgatagca	gtggagagaa	ggaaaagtgt	agacagacaa	900
tatttngggt	gaaaaatnga	aaacagcacg	atntttaggg	gnngattnaa	aaggtggcgc	960
acaagctgca	attggatnta	tggttnaaat	ggcaaatagca	atgatatttg	gtttacttca	1020
cttnttacag	gcagcttcnt	tttanagctt	tccggatgca	ccngntttaa	cttttggtt	1080
aaaaaaaacc	naaaatggta	caaaaaggc				1109

<210> 143

<211> 1087

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1087)

<223> n = A,T,C or G

<400> 143

caaagccact	tctttttttc	atctctctac	tttactctac	tctactcttg	gcctcccgtt	60
ccgttcacca	tccaccatct	atctttcctt	caactgaaag	cttctttctca	gctgaatttc	120
gttattttccc	ctttccttta	acaacccttg	aaatctaaat	ccaccaactt	tagtcgccaa	180
acaccgccaa	aatgggtcac	gaagatgctg	tctaccttgc	caagctcgct	gagcaggccg	240
agcgatatga	ggagatgggt	gagaacatga	agattgtcgc	cggtgaggac	cgagatctca	300
ccgtcgagga	gcgaaacctt	ctctccgttg	cctacaagaa	cgtcattggc	gcccgccttg	360
cttccctggcg	catagtcacc	tccatcgagc	agaaggagga	gtccaagggc	aactcttctc	420
aggttaccct	catcaaggag	taccgacaga	agatcgaggc	cgaacttgcc	aagatctgcg	480
aagatatact	cgaggctcct	gaccagcacc	tgattccctc	tgccaagtct	ggcgagtcca	540
aggttttctc	tcacaagatg	aagggtggac	taccaccgtt	acctcgccga	gttcgccatt	600
ggcgaccgnc	gcaaggactc	tgcgcgacaan	gtccctngan	ggctacaang	gntggcactt	660
ganggttggc	ccaanaactga	gctttcttcc	acccaccccc	aatccggctt	tggctctgcc	720
cttcaacttt	ttccggtttt	ctactacgaa	gattctcaac	gccccctgac	caagcttggc	780
aactggctaa	acaaggcctt	tgatgaatgc	catcgctgaa	cttggacact	tctgagcgaa	840
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tttggaacct	tttcgaggnc	canaacttcc	cttggtgggn	cacggttgan	gcttcnnaag	960
gaggatgccc	ttggtgcccc	caccnncgag	gatgccnttg	ngggccgnt	ngccttcant	1020
ttanaaggcc	caatttgnc	tantagggag	tgggggtaca	aattnactgg	ccggcgcttt	1080
anaacgg						1087

<210> 144

<211> 702

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 144

caccacaato	ctottogcgg	tcactctccc	aagccatccc	ttcgtcaato	cagacaagag	50
aacatataccg	tcaagatggc	tccctccaac	ctgccctccg	tcatgaacgc	caccagccag	120
gacatcgaga	cctgctggc	cgtcagtg	cacctcggt	ccaagaacct	ccaggttcac	180
atggagaact	acctctggaa	gaccogtcag	gatgggtgca	acgtcatcaa	cgtcggcaag	240
acctggggaga	agattgtcct	ggctgcccgt	gtcatcgctg	ccattgacaa	ccccgcgac	300

atctgtgtca	tctctgcccg	tcctacgggt	cagcgtgccg	tctcaagtt	cgccgcccac	360
actggtgcta	ccgccattgc	tggtegettc	acccccgggt	ctttcaccac	ctacatcacc	420
cgatctttca	aggagccccg	tctgatcacc	gtcaccgacc	cccgaaccga	cgcccagggt	480
atcaaggagg	cttcttacgt	caacatcccc	gtcattgccc	tcgccgacac	tgactctccc	540
accgagtacg	tcgatgttgc	catccccacc	aacaacaang	gtcgccacgc	tatcggtgcc	600
gtctggtgga	tgctcgccgt	gaggtcttcg	gcttcgtggg	accatctaca	accgcgagaa	660
ccccggggac	gtcatggcga	tctttacttn	taccgtgacc	cc		702

<210> 145

<211> 988

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(988)

<223> n = A,T,C or G

<400> 145

atatctcccc	caaaatgggt	tctgtacaa	atttccctgc	cgaagtcgtg	ccccaggcac	60
ctgaagaccc	tctctttggt	cttgccacgag	agtacaaggc	cgacgacagt	cccaacaaga	120
ttgatctttg	tatcggcgca	tacagagatg	agaatgcaaa	gccctgggtg	ttgccagtcg	180
tcaagaaggg	tgatgagatc	ctccgaaacg	acccttgaac	tcaaccacga	gtacccccca	240
atcgcggtt	ttggcagctt	cacatccaag	gctgncgagc	tagtctttgg	ccccgattct	300
tcagccatcc	aaganaagcg	ctnaacgaca	ctacanacaa	tctctggtac	cggtgccgta	360
cacttgggag	ctcttttctt	tgcaagttct	acaagggcaa	ccagactgtc	tacctntcaa	420
atcccacatg	ggcgaaccat	caccagatct	tcaagaatgt	tggcatgtcg	atcgacacat	480
acccttactt	tcacaaggag	acnaaggggc	tggatttcga	gggtttcaag	aagactctgc	540
aatccgntcc	cgagggttcc	gtttcgctct	tnatgcatgc	gcacacaacc	ctactggtgt	600
cgaccctacg	caagatcaat	ggacttgaga	ttgnttntat	tatgaaggag	aagaaccact	660
tcccccttct	cgatactggc	taccaaggat	ttgccttttg	ggatcttgct	aaggatgcct	720
gggtatctcg	atactttcgt	cgaccagggc	tttgagcttg	ttggttgctt	agagtttcgc	780
caagaacttc	ggcctctacg	gagagcgcgc	cgggttgctn	cacgccgtca	catctcctgc	840
tccctggggc	tcaaacacaa	tcactcgcat	tggctctcaa	ttggctatcc	tccagcgatc	900
tgaaatntcc	aacctctctn	tgtacggggc	ccgaatngtc	agcactgttt	tnaacgatcg	960
cnaccttttg	gtgngggggg	ggaaacct				988

<210> 146

<211> 778

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 146

ctttctgttc	tcttatctct	tatcgaaaat	ctacgtcacc	tcttactccc	ccactttccg	60
cgggttctct	tacacccaac	cgccaaaatg	aacactgggt	ttgtcaacag	ccgnttntct	120
tccaagccag	atgagggtcg	cgctggttgc	gtcggtttct	caggcggcca	gccccaaagt	180
ggtgtcgata	ttggccctgc	tgtctctacc	cagtcgggtc	ttctcactga	gacccgcgat	240
gagctcggtc	acaagctctt	tggtagcgag	aaggctccagc	agttcgagga	tctgatcccc	300
gagtcagacc	ctgaacttcg	cggtatgaan	aagccccggc	acgcatctgc	ggtgactcgc	360
aagatcgctt	cgcacaccta	tgagcactca	cggcaggggt	gcctgactct	cacctctggg	420
ggtgaccaca	gcattggcat	tggtactatc	gcccgaactg	ccaaggctac	ccgggagcgt	480
ctgaaccgcg	agatcgctgt	tatctgggtt	gatgcgcacg	ccgacatcaa	cactcctgag	540
agcagtgaca	gtggtaacat	ccatgggtatg	cctgttgctt	tcttgaccgg	tctggccaag	600
gagganaagg	aggagtnttt	tggctggctc	gaggatgata	tgcgtctgag	cgttaaaaag	660
ctgggtgtaca	ttggtcttcg	atccggccac	attggcgaaa	anaaaatcct	tccgtgaaca	720

ccggcatcaa ggcattcaac atgcacgatg tccacccgcc acggtattgg ccgcgctcg

778

<210> 147
<211> 989
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(989)
<223> n = A,T,C or G

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<400> 147
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tctgggtttac tctactacat ctaccagagc accaaccagtc gctttgacca tcttcattct      180
cctctcgact agacatcttg gttgctgcgc ttgcgcatct tcttcgactt tataccagtc      240
cctctctatt tctcgattat tccatcgcaa caatggccca gcccggcgtg caatcattga      300
agtgtgtggt gactggtgat ggtgctggtg gaaagacttg tctactcatt tcttatacca      360
caaatgcgtt ccccggcgaa tacatcccaa cggctcttga caactactct gctagcggtt      420
tggtcgatgg caagcctatt aagtcttggc ctctgggata ccgctgggtc aggaggatta      480
cgacagactg cgaccccttt cataccctca gaccgatggc tctctcattt gcttctncat      540
cgnccagcct ncatcattcg acaacgtaaa ggcaaagtgg taccctcgag atcgancatc      600
atgcgccccaa canttcccat taattttngt cggaaactaaa ctcgatcttt gagaggatgc      660
atccaccctc gaatctctcc gacagaagcg catggagcct gtatcatacg agcaggcgct      720
gacctgcgcc aaggagatca angcctacaa gtaccttgag tgttctgctt tnaccanag      780
aaaccttaag agtgtttttg acgaagctgt ccggggccgtc ctcaacctc gaccncgctt      840
tcgaagcaaa agaanaanaa gtgcnctatc ctgtanatat ctnatgaagt caccgccatg      900
gcacacgcgc gtttgaagat naacaaaanc tcttgacgac cnaaacacng aatattctgg      960
atgcccacna gcatggctct gattntaga
```

<210> 148
<211> 832
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(832)
<223> n = A,T,C or G

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<400> 148
caaaaatctc catttgctct cctgtaaagg cagcaccgca ccccaatctc cctctctccc      60
aattgcaccc ggtgcgaatt gctctccttt catctccaaa acctcccgta tacctctaatt      120
atgttccgga acgcccctcg acagtcgacg cgcgcgctcg gcgctgtctc tgccgctggc      180
agggctcgctg ctctccgaaa tgccgcaccc gctccatca acgcccgtcg attctacgcc      240
tcgcagccca aggtctctcc caccgaggtc tcttccatcc tcgagcagcg aattcgtggg      300
gtccaggagg agtccaacct cgctgagact ggccgtgtcc ttcccgctcg tgatgggtatc      360
gcccgtgttc acggtatggc caacgtccaa gctgaagagc ttgtcgagtt cgcctccggt      420
gttaaaggaa tctgcatgaa actcgagggc ggccaaagtc gttgtgtgtc gttcgggttc      480
gatcgtctcg tcaagaaggg tgagaacgtc aagcgtaccg gtgagattgt tgatattcct      540
gtcggccctg agatgctcgg ccgtgtcgtc gacgctctcg gtaaccccat tgacggcaag      600
ggtcccatca acaccaagga ggcagccggt gctcagctca aggcctcccg tattctgccc      660
agaaagtcgg tcaacaagcc cgtccaaact ggtctcaagt ccatcaaccc catgggtcct      720
atcggccctn ggtaagcgtg angttqatc tgggtgaatc gccagaccqg ttaaaaaatg      780
cgttgggttc caaacccacc ctttaaccaa aacgatggga acnatingcaa cc      832
```

<210> 149
<211> 644
<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 149

cgctcgacct	ccaaacctgc	gtcatggcgt	cccggagact	ggctttgaac	ctctcgcgag	60
gtctgcnaaa	ccgtgctggg	ttttcgggcg	ccgttctttt	cacacgaggc	tttgccactc	120
cctctacctg	nggcaagact	cagactacaa	ctcttaagaa	tggattgact	gtcgctaccg	180
agcactcgcc	ctttgcgcaa	acgtcgaccg	tgggtgtctg	gacgatgcc	ggttcccag	240
ctgagactga	tganaacaac	ggtaccgccc	acttccttga	gcctctcgct	ttcangggta	300
ccgccaagcg	aactcagcag	caattgggaat	tggagattga	gaacatgggt	ggtcacctga	360
acgcctacac	ttcgcgcgag	aacaccgtct	acttcgccaa	ggctttcaac	tctgatgttc	420
cccagtgctg	cgacatctct	tccgatattc	tccanaactc	caagctcgag	cagtccttta	480
tggagcgtga	ggcggaattt	atcttcggcg	agtcgganga	ggtaaaaaag	cagggttgagg	540
aggtcgtttt	cnatcacctc	accccacttg	ttttncacaa	ccagcccttt	gggccgacna	600
tcttgggcct	tgnaaaaaa	tncgngacat	ccccgaatcg	gctt		644

<210> 150

<211> 2459

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(2459)

<223> n = A,T,C or G

<400> 150

cccgaatctg	catacggcat	tctgaacttg	gatgctaccg	tgcgcgcata	tgtcaacatg	60
acatccactg	gagagagcgt	cgcattgtgt	gaggcagact	tttccaccgg	aaagacagtt	120
gagcaactat	cagtcaaatg	ggtaactgcc	atcatcatcg	gaataggact	catatcctca	180
gctctgatct	cgctggcggg	ctatggcaat	gcctctctct	accttgctgc	caacaccctc	240
gctctattca	catacttcca	agccccagct	attataggac	ttacaggaat	caccatgcct	300
cccattgttg	atgcgtggag	tcagaacttc	caatgggtcca	tggggcatta	tccgccttgg	360
ttgggagtga	agatatcttc	acctgggtatc	agcgcgccac	aggcggcaca	cccgctcgca	420
tcttcgatca	tcttgccact	tcttcogttc	aagtcgccaa	gcgatctatc	gagtatatcc	480
ctgggtgctgc	agctctgggt	cgccttggtt	ttgccatgtc	caaacgggtcc	aacattgagc	540
ttgagaacgg	ctcattctctg	gtctacggca	tccagcgtgt	ggctttcaga	tcccggatcg	600
agacaacgaa	tcttttctct	actgcgctca	ccttctttat	cgtcttctatc	gtttttgctt	660
gtatcctcgt	tctcatcgcc	aaggtcattc	tgcacctgtg	cgcaaaaacaa	gcttggtatca	720
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aagttgactc	ggctgccttg	gtagtctctg	cgtctctctt	cttctcttgc	gtcacgatca	900
ccctcgcat	ggcagcattc	aagattgtca	cctttgccag	acatagcaac	ccagtcatca	960
ctctgtactc	ggactcgccc	attttgaaaca	agtgggggtt	cttgtatatt	ccctatcgag	1020
ctactgccta	ctacttttgt	gnccccccagc	ttgcctatat	tcttgtcaag	agcatgttta	1080
tgcctctgag	ccagaagagc	ggcgtagttc	aagcggtgnc	ctcattatla	tgcaggttggc	1140
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attgcattct	cgtactcaac	ttcctnaacg	ccatttgcta	ttatttttac	caatgttttg	1260
ggatgacta	gaatgggctc	ctcagtcacc	gggcttgctg	tatttggtgt	caatgccgca	1320
ttctcttnga	tccttctctc	tatgatcctc	atategagtg	cgttggtgtt	ttggaggaa	1380
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tcattccagc	agattgacac	aatgacgcag	ctggaacctc	ggctgocaca	gcccgtgggg	1500
accaacaaaa	cattcacttc	tttttgaaac	caaccattca	tctacatcat	cccatccgaa	1560
ataccatcaa	cccaagaaca	cttgcatcat	accaactgca	tcattgcaaat	cttcgtcaag	1620
accttactg	gcaagaccat	caccttgag	gtcgagtctc	cagacactat	cgacaatgtc	1680
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ggtaagcagc	ttgaggatgg	ccgcaccctc	tccgactaca	acatccaaaa	ggagtcaacc	1800
cttcatctcg	tcctccgcct	tcgtgggtgg	atgcagatct	tcgtcaagac	cctcacaggc	1860
aagaccatca	cccttgaggt	cgagtcccca	gacactatcg	acaatgtcaa	gtccaagatc	1920
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gaggatggcc	gcaccctctc	cgactacaac	atccaaaagg	agtcaaccct	tcactctctc	2040
ctccgnettc	gtgggtggtat	gcagatcttc	gtcaagacct	cacaggcaag	atcatccctc	2100
tgagggtcaat	ctcagacact	atcgatcaat	gccagccaag	atgctacgcc	cgtctccctc	2160
cccgtgccac	caactgccgc	aagcgcaagt	gtggtcacac	caaccagctc	cgacctaaga	2220
agaagctcaa	ataaacgatt	actccatgga	tatggcgctc	gggatttggc	atttgggggt	2280
cgatggcgag	gacagaggag	agctttcttt	tgttcacacg	aggctgggtg	ttttttaaaa	2340
tagcatgtgc	agctccggca	atacattcta	gatgatgccc	atatgacgat	gtgccgtgcc	2400
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<210> 151

<211> 636

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 151

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aactttctccc	tcgagaagta	cagnttcctc	gtcatctaca	agaccgctta	ctactctttc	120
tacctccccg	ttgcctctgc	cctccaccag	ctcaacctcg	ctaccccaag	taaccttaag	180
caagctgagg	atatacttat	ccctctcgga	gagtaacttc	agatccagga	cgactacctc	240
gataactttg	gcaagccccg	gcacattggt	aagattggta	ccgatatcaa	ggacaacaaa	300
tgttctttggc	tcgtgaacca	ggctctcgcc	gttgccaccc	ctgagcagca	caagatcctt	360
gaggagaact	accgcgcgna	ggacgatgaa	aaggagaagg	tcatacaana	actctacgac	420
gacttgaagc	ttgagcagct	ctacctcgac	tacgaggaga	angncgttgg	ccatattcgc	480
gagcgcattg	cccacattga	cgaaaagtgg	nggcctcaaa	aanactgtgt	ttgangcctt	540
ctngncaaaa	tntacaagcg	cagcaagnaa	gctgganttt	taatgtatta	aagangacat	600
ganatanacc	ggttgaaggc	aaaagttctt	tgtctn			636

<210> 152

<211> 1686

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1686)

<223> n = A,T,C or G

<400> 152

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gaaacaccta	aongtagaat	aagatctttg	aacaaaagaa	accccaacgc	caaaacacaa	120
aaccttctcc	attgcctgat	gcgcacagcg	cttcgtcgca	ggcatttctt	ttgcctgctg	180
gagaggagtc	gaatactcca	acatctcgta	atttgtagat	ccgtttatcg	gcggcggtga	240
tatcgagtaa	taggtcagat	tgacgcttag	aaaaggcagt	ccaaacagca	gcagcatgog	300
agaccageta	gaagaccggt	catgagaccg	ccgcgcgcgc	caccaccgtt	tcttcttgaa	360
tcactgcttg	ggtaatatgc	ttgaggggga	ggctggccgt	agggaccctg	ctgaggagga	420
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ggagcttggt	gtgtagtagc	ttgaggaggg	ggcgcgccgc	cctgctggta	cggatcttgc	540
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tcttgcttga	aggccattgt	gatagtagag	taaagcgcta	tgcgacaaca	gataggaggt	660
ggatcttaga	gtcgcgcaaa	agatagatcg	tcaggtagca	ggaagatccc	nttggtgatn	720
agganacgnt	gtgaaacggn	agcagagatt	ggcacnagng	ggagncgatg	cagagatgtg	780

cccttagatc	ggatgantgg	tagctgttgg	aanggttct	cgccagcagc	gacaagaaga	840
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tcaccacat	caatggcaat	ggcgtggatg	cccatagcct	tagegtactg	gacagcaatg	1020
gaaccgagac	caccaccagc	accgacaata	gcaagagant	gaccggcctt	gacaccagac	1080
tccttgatac	ccttgtagac	ggtgataccg	gcgcaaagaa	taggggagat	ggcctcgagg	1140
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gaaccatcga	cgggtgtaacc	ggagagaaga	gcctcagcgc	agagagactc	gtcggcgttt	1260
tggcagtaag	agcagcttaa	gcaagagcca	ttgagccact	tgataccgac	cttctcgcca	1320
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ccaacaaggg	gcagcttggg	gtcgaggggc	cagtcaccct	gccaggcgtg	gagatcagtg	1440
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ggaatctgct	tgtactcgat	gggaccagcg	gtcttctcga	agatctgagc	ccactgctgg	1560
gaaggaattt	ggggagcggc	cattttgatt	gttgggtggg	ttggttggtg	ggttgaaggg	1620
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atgac						1740

<210> 153

<211> 581

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 153

cganatgacc	cgcacatct	ggcaggtcat	caaggacaag	ttcatccacc	cctacctcga	50
catcgacctc	aagtactatg	atctcggtct	tgagtaccgt	gacgagacca	acgatcaggt	120
caccattgat	gctgocgagg	ccatcaagaa	atactctgtc	ggtgtcaagt	gtgctaccat	180
cactcccgat	gaggctcgtg	ttgaggagtt	caagctgaag	aagatgtggc	tttctcccaa	240
cggcaccatc	cgaaatgcc	ttggcggtag	cgtcttccgt	gagcccattg	tcaccccccg	300
tatcccccg	cttgttctctg	gctgggaaga	agcccatcat	cattggccgt	cacgccttcg	360
gtgaccagta	ccgcgccaa	gatgctgtcc	tgcccgggtcc	tggtaagctc	tccatggtct	420
acacccccga	gggtggccag	cccgaggaga	ttgagggtctt	ccaattcaag	gaaggagggtg	480
gtgttgccag	actcagtaca	acaccgacaa	gtccatcaact	ggattcgctc	acgttctctt	540
caactcgcta	atgacaagg	tctccccct	ctacatgaag	c		581

<210> 154

<211> 1137

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1137)

<223> n = A,T,C or G

<400> 154

tccactgggtg	agtataccac	tgatcaatcc	tatgtaattt	tcacgcgcgt	cgtcttctcg	50
ggagaaacat	cagcaatgct	attccagtag	actacgagta	tcacaaaagc	acggacagcg	120
atcaactaca	tattcgagct	tcgacgccaa	aagggtgcttc	acgatgacat	agggaatgag	180
ccragctgtg	agaagaaccc	gaatgggaag	ggcatcgata	tttcttgcca	agagctcgcc	240
tttgcgatc	ctcgtcgacc	taaactgcgc	gtgcttcgaq	qtgtcgacat	cagcatcgan	300
ccggcaaga	tggtagctct	cgttggggca	tctggatgtg	gcaagtcac	tatgattgca	360
ctacttgagc	ggtttttaaga	tccaaccagt	ggcatgataa	tggcggaaaag	tcaagatata	420
agcacaaaag	ataggcgatt	gcatagacga	gacatcgctc	ttgttcaaca	ggagccgggtt	480
ctgtatcaag	gttcgatccg	agacaacata	tccctcggtg	tcgaagaggg	caacccgcct	540
gacgacgaca	tcacgaggg	ttgcaaacaa	gccaacgtct	atgattttgt	gtcctctctt	600

cccgaaggcc	tgcgcacttc	ttgtggcaac	caaggactct	cgctctcagg	tggccaacgc	660
caacgcacgc	ctattgcccg	cgctcttggt	cgcaaacccc	gtttgttact	tctcgacgaa	720
gccactagtg	cccttgacgc	agagagcgaa	aaggtagtca	aggaggcgct	ggatcgagca	780
cgcgagggaa	gggcgacagt	cgttgtcgga	cattgactaa	gcacaatccg	ggaggcgggt	840
tccatctgcg	tgttttctgg	tggggaaatc	gtcagagagan	ggagacacga	agatcttggt	900
tgcgaaaggg	gggttggtatt	atgaaatngg	ttttggggcca	atctctanat	aganaagcat	960
gatgcttnaa	aatgcgctcg	ggtttgagan	gactaaatct	ttattgggtt	gatcacatgg	1020
gcagcggata	ttcggttggt	ctaagggttg	gggggggtcat	cttttttnat	ctggtcttgg	1080
nctaaacat	aagtcggggg	atttcgggca	tatatcgana	gaatctggna	aattctt	1137

<210> 155
 <211> 605
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 155						
caggattcgc	gatgcccac	tttctgcgct	ctggtcgcct	acatcaagaa	cgagcgttgg	60
gacggcgctg	ctttcatcat	gaaggccgga	aaggctctca	atgagcaaaa	gaccgagatc	120
cgaatccagt	tcaaggatgt	cacatcgggt	atotttaagg	acattccccg	aaacgagctt	180
gttatgcgta	tccagcccaa	cgagagtgtt	tacatcaaga	tgaactccaa	gctgctggtc	240
tcagcatgca	aactgtcgtc	accgagcttg	atttgacct	ccgaagacga	ttctccgacc	300
tcaagattcc	cgaggcttac	gagtcgcttg	ttcttgactg	cctcaagggc	gaccagtcga	360
actttgttcg	tgatgatgag	cttgatgcc	gttggggcca	tttnacacc	actggtcact	420
accttgcgac	accangagat	atcccattgg	agtatccat	ggtctctggc	ctgctgcttg	480
acncttactc	nctatgntcc	aagtcacgcc	tgtgtaccaa	ggcacaccaa	cgtgttgtgc	540
ccacagttat	gccctcaaca	tggaccgncc	attngcttta	tcnngctaca	ggacaacact	600
gatgt						605

<210> 156
 <211> 647
 <212> DNA
 <213> *Fusarium venenatum*

<400> 156						
ctcgacccaa	ctggacaact	tatttccatc	ttctcggcgt	cccacgaaga	aaagcaccga	60
ttctcgggtcca	agcaaaaagt	tcctttcttac	ctttcgaact	cgtttcacgt	tgccaacatg	120
ggcaacacca	ccagcgcagt	cttggacaat	ctcgtccaag	gatccaactt	cgacagagac	180
gaagttgatc	gtctgcgaaa	gcgattcatg	aaactagaca	aggacaactc	cggtacgatc	240
gagcgcgatg	aattccttag	tcttccctcag	atctcttcca	accctctggc	aacacgaatg	300
attgccatct	ttgatgaaga	tgggtgggtg	gacgtcgatt	tccaagaggt	cgttacaggt	360
ctttcggcgt	tcaacagcaa	gggaaacaag	gagcagaagc	tccaattcgc	cttcaaggtc	420
tacgacattg	accgcgatgg	atacattagc	aacggagagc	tttttattgg	cctaaagatg	480
atgggtggca	gcaaccttaa	ggccagcagc	tgcagaagat	cgtggacaag	aacatcatgg	540
aggccgatct	cgacaaggat	gggaagaata	gctttgagga	ggtcaccaag	atgggtgggaa	600
atagcgtggg	agcatgagca	tgatgggtga	ccagttttag	caagctt		647

<210> 157
 <211> 622
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

```

<400> 157
cttcttcttta ttactcttta caatgactgt caacaaacgc acaaagcagt ggtggaagca      60
ggccactatc taccaaactc accctgcac cttctgcgac tccaatggcg atggcatggg      120
agatcttcaa ggcatcatat ccaagttgga ctatatattcc agcttaggtg ttgatgttat      180
ttgggtctgt cctatgtatg actcaccaca agttgacatg ggctatgaca tctctaacta      240
tgaagatgtc tatggtcctc acggtactct ccaagatatg gaagagttaa tccgcaagac      300
tcatgaaaag ggcatgaaga tcatgcttga tcttgttatc aaccatactt ctgacaagca      360
tgcttggttt gaggagtcaa gacttagcaa ggatagcccc aagcgtgatt ggtacatctg      420
gcgacctgcc aagtactcag atgatgggtc acgtctccct ccaaacaact ggcgctccaa      480
ctttggaaag ggcagtgtct gggaatggga tgaggcaaca agggagtatt atcttcatct      540
ctttgctaag gagcaaccgc atctcaactg ggaagaaccc aagagaccan aaagggccat      600
ctatgentec tctatnggaa tt                                     622

```

<210> 158

<211> 1435

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1435)

<223> n = A,T,C or G

```

<400> 158
catctcccaa gctcaactca agctcaagct cgcattctac gccagcaaat tcgtccattt      60
ctcacaactt cttcacccaa aaacacctct aatcaataac catggctgag atccgccgaa      120
agctcgctcat tgtcggcgat ggtgcttggt gtaaaacctg tttggtgatt gttttctcca      180
agggcacttt ccccaggtc tacgtcccaa ccgctcttoga gaactatgtc gccgatgtcg      240
aggttgacgg caagcacgtc gagctcgccc tatgggatac tgctggtcag gaagattacg      300
accgtctccg acctctttct tacccegaact cccacgttat cctgatctgc ttcgctgttg      360
actctcccga ctccctcgac aacgtccagg agaagtggat ctctgaggtt ctgcacttct      420
ggcagggtct cctatcctc cttgtcggct gcaagaagga tttgcgatac gaccagaaga      480
tccatcgagga gctccgaaag acgagccaga agcccgtttc ccccagggag ggtgaggaga      540
tccgcaagaa gatctctgct tacaagtacc ttgagtgtc agccaagacc aacgaggggtg      600
tccgtgaagt gttcgagcac gctactcgcg ctgctctgct gtcacgcagc acccgtagca      660
agtctcacia gaagtgtctt gtctgtaaag ggcgccatcg aagccctttg aacgcagccg      720
acgcacacat accgtggctt gactctgcgt tgtaatcctt tgtcacaagt caacctcaac      780
ttggccccgg cagttcggat gaaacggggc cgtggcggcc aaaaaggcca gggctgtcgg      840
catgcacatg ttttctcggg atctggagtt tgatatcgte tcgctcatgt ctggtccatc      900
ggcctacacg ccgacctttc tcgctggatt gatgggtttc tagtcggtgg aagcccatgg      960
tttcttgagc ctctgaatc tcgcaggggg gttgtatta tcgacagata cctcatcttt      1020
tttattatca ccactggcag gcgagcggga cctttgtttt atgtatgtgc ttgcgcgta      1080
tggggagggt ggccagatgt ctttttttgt tgggggcttt tgaggaggag gaggaggagt      1140
gactctcggt ccttgccttc ctgtctagtc tgtcagtga ggctgatgga cgaanaatca      1200
ctcgggagat gttacaggag gccagganan actctgtgga ctggttaccg cgaaaaccgt      1260
ttgcgtctgc ttatgtgtgg atatgggact cggctggggg aacccaagtc aagtcaggcc      1320
ataaatcttt tcgttttttc tcttgagacc tcaaaaccgt tccttaaacc atggagatgg      1380
gacatntnt tgcgtagggg cccgnccggt tnatctcttg attttttttna aaaaa      1435

```

<210> 159

<211> 796

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G


```

<400> 159
tgagcggaga taagatggac gtcgaggtcg cggagcagaa gatgaactcc atggagcaca      60
gcgagcagca ctacttcaag agctacgac accatggtat tcacgaggag atgttgaaag      120
atgaggtccg aacacgatcg tatatgaacg ccattatgca gaacaagcac atttttaagg      180
acaaggtcgt tctcgatggt ggctgtggaa ccgccattct ctccatgttt gctgctaagg      240
ccggtgctaa gcatgttatt ggtgtcgaca tgtccaccat catttttaag gcccgtgaga      300
tcgtcaagat taacggcctt tctgacaaga tcaactcttct ccagggcaag atggaggagg      360
ttgagctccc cttcccaagg tgcacatcat catttncgaa tggatgggat cttcctnctt      420
tacgagtcca tgcttgacac cgctctctac gcccgtgaca cttaccttca gaaggatggc      480
ttgatcttcc cgacaaggcc accatcttct tcgccggtat tgaggatggc gactacaagg      540
aggacaagat tgagttctgg aacgatgtta cnggttcgac tacaccccc ttaaggccct      600
gnttttttgn gaacccctcg tgacacttnt gangtcaagg ttggtgncaa ccganccnt      660
ctgnccctac cctgatcttt acacctgcnc cgcgcgcacc tggntttcca agggcccttt      720
aacttttccg taaccgcagc attnntcccc ccttgggggg cggggttgaa nttgacttta      780
ccgctgcccc aagcct                                     796

```

<210> 160

<211> 902

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(902)

<223> n = A,T,C or G

```

<400> 160
gttagggacg cttaaactact ttcttctctt tttctctccc cccaaaaatc ttgttctctt      60
gtttctctca tcaacagaaa acagcagcac ccaacctcag ctattattct ctcaataacct      120
gctgcatacc tatagccgcg ttcttcaata cctaagaatc gacattctct tttaacgtca      180
cctaccatgg ccgaagagaa ggcagtcggc gcgcctgcgc tcgacaccaa catcgagact      240
ggcggtctcg atgagaagcg aggacaagct cccgctaccc acaaccccaa ggctcccgtc      300
gccgaggatg aggagcccga tgaggacatg gacgcctga tcgaggacct cgagtccgag      360
gacggcccag agatcgacga cgaagaggag gccactcccg gnggtggacg tgtcgtccct      420
gaagaccagc tccagactga ctctcgtgtc ggtttaactg aagcagaggt tatcgcacgc      480
anaaagaagt ggggcctcac cnatgaaag aanaaagana gaacatgatt ctcaagttcc      540
tcatgttctt cgggtggcca attcaatttg tgatggaagc tgccgctgtt ttggctgctg      600
gacttganga ctggatcact ttggcggtat ctgcgctctc ttgcttctta acgcttgtgt      660
tggttttatt caggagtatc aagctggcag tatcgtggaa ganctgaaga anactcttgc      720
tctcaaggct gttgtctctc gtgacggtac tctcaaggag atcgaagccc ctgangtcgt      780
tcccgtgatg atccttcaag ttgaagaagg tactatcatt cctgctgatg gtcgttctgt      840
caccgaaggc tgcttctgcc aggttgatca tctgccatca ccgganaatc tctcgccgtc      900
na                                     902

```

<210> 161

<211> 925

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(925)

<223> n = A,T,C or G

```

<400> 161
ccaactncaat cttgnaatntt gcactctngca tcttcatctt tnatnaaacac cacagctcgc      60
aatactcttt gtcgagcact tctattcaca ttcaaccccg tcgcattctc gatccgattg      120
cccatcatga agagcgctct tcttaccgct gccgcgcttc tgggctctgc ccaggccggc      180
gttcacaaga tgaagctcaa caaggttctc cttgccgacc agctggctat gaactccggt      240
gaggaccacc ttcagagcct cggccagaag tacatgggtg ctgctcgccc caagaacgct      300

```

gccgactacg	cttttgctac	caacgtcccc	agcgttgagg	gtggccaccc	cgcccccggt	360
tccaacttca	tgaacgctca	atactttctcc	gagattacca	ttggtaactcc	tccccagagc	420
ttcaagggtg	tcctcgacac	cggtagctcc	aacctttggg	ttccttccca	agagtgtggc	480
agcatcgct	gctacctcca	ctccaagtac	gactcatctg	cttcatccac	ctacaanaag	540
aacggcagcg	agttcganat	ccattacggc	tctggcagct	tgcccggttt	cgtctccaac	600
gatgtcgttt	ccattggcga	cctcaagatc	aaggaccagg	actttgnttg	aggctacca	660
ggagccccgn	ctggccttcg	ntttcggncc	ctttcgatgg	gacccctcgg	ctcggcacaa	720
ccgaattgcc	gngaacggca	tgggcccccc	cttttaccac	aggggttaaca	aaaactcctg	780
gacgacgcgc	gttttggttt	ctaccttgac	ggtaagaggg	ccaaancgag	gctactttcg	840
gggggggtgac	aagggtccaag	aacactgggg	actcgattca	tttctttcnc	cgcaagggtt	900
antgggaggg	cnaccttntg	ccttt				925

<210> 162

<211> 857

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 162

atcctcaaga	agtaacgatg	tcgcttcaag	gacatcttcc	aggaagatct	acgacaccac	60
ctacaagaag	gatttcgagg	ccaagaagat	ctggtagcag	catcgccctca	ttgacgacat	120
ggtcgcccag	atgatcaaga	gctccgggtg	ttacatcatg	gctcttaaga	actacgatgg	180
tgatgtccag	tccgacattg	tcgcccaggg	cttcggctct	ctcggtctca	tgacctctgt	240
cctcatcacc	cccgatggca	agaccttcga	gtctgaggct	gctcatggca	ccgtcactcg	300
ccactaccgt	gagcaccaga	agggcaatga	gacctccacc	aaccccatg	cctccatctt	360
tgcttggaac	cgtgggtctta	tccagcgtgg	taagctcgac	gacactcccg	agctcgttgc	420
cttcgcccag	agcctcgagc	aggcctgcat	tgacactgtc	gacatcgacg	gtatcatgac	480
caaggatctt	gccccttgcca	ctggcaagtc	tgagcgcaag	gactatgcca	ccaccaacga	540
gtaccttgat	gctgttgagc	gcccctcna	gaagaacctc	aaggagaagc	tgtaaaccatc	600
tttacaatgg	attcccaaac	ttccccta	cactcaatac	ttccgcttct	ggctctcttt	660
acactgcaag	ancacactct	atcttcaggc	atcggcgctc	aatttgttgt	caccgtctga	720
atgcatctca	ctcccaacaa	accacnagac	ctcacctctt	gtggcttctt	gacatccatc	780
tctcacggaa	aaaaaaaaag	gttgctcnatn	cttcatcacc	ggaacccctg	caaggcccct	840
gccgcaacta	caattat					857

<210> 163

<211> 1049

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1049)

<223> n = A,T,C or G

<400> 163

ggaanaatto	gggcgcgagg	aatttttttt	tttttttttn	gaaggatgaa	atttcttttt	60
catttcagac	cgtaagcca	tcnatcacca	tagcctatac	gatctgaagt	gtcctaaccg	120
gccaacctat	gcaatgaaac	acaatggatt	cgtgactccg	cggcaccagt	ttccagcttc	180
ccatcagttc	ataaaacatt	ccgcctctag	tatcgcttgc	cctcgcgcag	agtatcggcg	240
aactcgtcca	ggggacttcg	gatgagcttg	gtctccttcc	agaggttagg	ggtagggaat	300
ccgtaggtgt	tggagacggc	aacgaaaagt	gccttgaggg	tgltctcag	ggctctgggtg	360
gaacgggcag	aggatgtgta	ggcgctcttc	gacaccggcg	agctggagga	atcgcttgac	420
agcgggagag	gcaacgaggg	cagtaccacg	gggagcgggg	atgagacgaa	cggtgacgga	480
accgcacttg	ccgcctcct	tggtgggaaa	agagtggacg	gcaccaaggt	tggtacccca	540
gtaaccacgt	cggacgggga	tgacgcttga	gcttaacgat	gatgatggcg	gcacggatgg	600

cggtggcaac	ctccttggag	gtcttgatac	cgagaccgac	gtggccctcg	gagtcaccaa	660
tgatgacaat	ggccttgaat	cggttctcgt	gaccggcacg	ggtctgcttc	tggacgggct	720
tgatcttcat	gacctcatcc	ttgagcttgg	gcagnaagtt	gtcgacgata	tggtactcct	780
tgatgggcag	agagtgaagg	tagatctcct	ccatgctgtt	gatcttgccg	gccttgacga	840
gacgaccgag	cttgggtgacg	ggctgccact	ccttctcctc	gttcttaccg	cgaccacggc	900
cacggccacg	accgcgtcca	cgtccacggt	caccacctcg	ggaagcgaag	cctccaccgc	960
gagaagttcc	tcggtcagcc	attgtgtctg	attgtgttga	ttgagctggg	gggtgggagg	1020
gagaagttag	gtgctacgca	agagcaaaag				1049

<210> 164
 <211> 728
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 164						
gcttgcctcaa	caaggagcag	ncaagcttct	tttgatatca	tggatgtcac	tacctcagac	50
cgaagccccc	gctcgtcntn	ttgccgcgca	ggcgtttgca	cnaatnttga	taagcacgaa	120
tcctgcactt	gtcttttggtg	gaaacagatc	tacccttatt	ggtgctgctg	taaggccact	180
cgtgtccatt	attccaccgc	accgcgctgc	tcagacgcga	gatctcttgc	cctcctttga	240
ggctctgatg	gcgttgacca	atcttgcttc	tatggacgac	gaggagttga	gacgcagcat	300
aatcaacacc	gcgtggacgc	agattgagga	acaaatgcta	gcctccaaca	cacttgtttc	360
aagagctgcc	gttgaacttg	tctgtaacct	tgtgcagacg	cctgaggctg	ttgctctcta	420
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acctgacgcc	ggaacccgta	gcgctgctgg	tggtgcattg	gcgtcactga	ccaactttga	540
angtgtcate	cgaagcatta	ttagccgaga	ccgcggcgctc	aaattttatc	tggaatgtg	600
tgtggacgan	gaanaagata	tcgcacatcn	aggcgtgttt	gtggtgacaa	acatggtcac	660
agcggaaggt	gaantcngcg	aacttgcaen	ggaaaaggtc	aagaacgaag	gaagctcnaa	720
acctcaag						728

<210> 165
 <211> 922
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(922)
 <223> n = A,T,C or G

<400> 165						
cttgcaccca	acaattcgag	ggacgactaa	ccccagcagc	acaggaaatc	caaattcttcg	60
ccgaccgggt	tgaggatttg	tttgtctagc	cgctcactga	gctgcctttc	tttctttttc	120
tttaattccc	ccagaaaaga	cgtttacgat	gtccagcttc	gagcaagttg	tcgtcatoga	180
tggaaggggc	catctccttg	gcgcactcgc	ctccattgtc	gcgaagcagc	tccttagcgg	240
tcagaagata	gttatcgtaa	gttgtgaggc	ccttaacata	tttggagagt	ttttccgggc	300
taagctcaag	taccacgcgc	acctccgaaa	gatcaccgga	tacaacccca	cccgcggtgg	360
tcctctccac	ttccgcgctc	cttccagaat	ctttctacaag	gcggtccgtg	gcatgatccc	420
cacaagacgc	cccggtggtgc	cgtgtctctc	ganccgctca	aggtcttcga	aggtgtcccc	480
ctccttaaga	caagacaana	agtcgtcgtt	ccccaggctc	tcgcgcttct	ccgaactccag	540
cccgcccgca	agttctgnaa	tgtggggcgt	ctgtcccaag	aggttgggtg	ggaattacca	600
ggatttcgtt	gcctgatctg	aggagcgaag	aaaggctaa	ggtgcggcct	actaagagcg	660
caagaagatt	gctgcgcgca	actggccgat	gccaaagaag	acgccactgt	caaggaggag	720
acctcaaaag	ctcttgccaa	cttcggctac	taagctgttc	atatnccctg	acctggaatc	780
ttgcgggcta	gatacagctg	gcaacgctat	catttctatg	cgtttcatta	gatgcgcggg	840
nggtcaaaang	gattacttga	tttntgantg	atggcaaggt	gntngaggat	aaatgtcnat	900

ncccaaanaa tgtttttnaa aa

922

<210> 166
<211> 1247
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(1247)
<223> n = A,T,C or G

<400> 166
ggtttttccc cctttcttctt ttctctttctt cactccaccc aacaatctcc cctcagtcct 60
ttgttgtctg aataaccatc ttcaacaatgg ctgcctctac cggatccacc aagggtcgacg 120
ctgtgtgtga gaacataaag gctgagactc ctgagaagaa gtctggcctt ggcctctact 180
cccgattcgc ccttgccggg gctgtctgtt gttccgtcac ccacgggtggg ctccaccccg 240
tcgatgttgt caagaccctg atccagctcg acccgcctac ctacaaccgc ggtctcctcg 300
gtgggtttccg ccagggtctg aagaatgagg gtgctgggtg tctcctcact ggtgtcggcc 360
ctaccttttg cggttacttc ctccagggtg ctctgaagtt cggtggttac gagttcttca 420
agcagcagtg gattgacact ctccgctacg agactgcttc caagaaccga actgctgtct 480
acctggcctc ttccgccact gctgagttct tcgccgatat cgtctctctg cctcttgagg 540
ctaccctgat ccgtctctgc ttgagccca cctacgccag cggctctctg tctggcttcg 600
gcaagattgt caaagaacga aggggtgtcg tgcctctctc gccggtttcg gaccattct 660
cttcaagcag atcccttaca ccatggccaa gttcgtctgt tcgagaaagg tcttttgagt 720
ctgtctttcc gcactttccc caagaaggac ctcttcgacg gtatgcagac tgntgccaac 780
cttggctccg gtctgaatgg cggtttcgcc ggtgncatcg ttttttagcc cggcgacacc 840
atgctcttca agatcaaca agaccaaggg tctccnggt gagggcactg tctctcgtct 900
cgtaagatc ggtaaggagc tcggatatcc tggctcttac tctgggtatcg gtgencgtct 960
cttcatggtc ggtactctca ctgcaggcca atttgccatt tatggcgact tgaagaaagc 1020
tatgggtgt actgggtgtg tngagatcgc tgcttaaacg acctgaatac atttngataa 1080
ttgtggagaa aaagttacta ggtgcaaagg atgaanggt naatagccgt ttncagntc 1140
ttgatgcact ttccggccatt tcgaaanacc atgatagata atgtcactna agngcaggat 1200
gcttttaacna atnctttctt taaccttgta aatcgttcca aaaccgt 1247

<210> 167
<211> 646
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 167
gccaagggtc ccttccctaa ccctacgact tatgacgcc a ttctgcgata ccctctcgag 60
atctgcctc ctgtttcccg tcaattcgtt tctactctcg ctgctttcgc tcccaacgac 120
getatcaagg ctgagatgaa ccgtctcgtt agcgacaagg actacttcca tganaagacc 180
ggcctcact actadaact cgtctgtttc ctctcagtg tcagcaaggg tgaagaagtg 240
accacaatto ccttctccgc ctltattgag ggtctcacca agctccagcc ccgttactac 300
tcctctctt cctctctctt ggttcagcct aagaagatct ctatcactgc cgtcgttgag 360
tcctagcaaa tccctggtag ggatgacct ttccgnggtg tcgctacaaa ctacctnttt 420
gcccgaagc anaagcagaa cggcgacccc aacccagcac ctttcggnc aacatattgag 480
cttcagggt ccggcaaaa gnaagatggt atctatgttc cgttcatgt agtactnca 540
acttnaagct acctcggat cctggcaagc ctgtcattat natngccct ggtactnggg 600
gtccctcctt ttccgggggt ttctccaaag aacgtgcca agngtg 646

<210> 168
<211> 1486

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1486)
 <223> n = A,T,C or G

```

<400> 168
tgagattcac aaggggtattg gttatgcgcc cgagaagtac ggcgtcggtc tgtggtcgca      60
gaacagagct gagtggcaga tcgctgattt tggcgtgct tctcaatccc tgtattcagt      120
ctcactctac gagactctcg gtcccgacac aacagaatac atcatcaacc atgccgaggt      180
cgccctgtgt gtctgtctct tccccatat cccctgttct ctcaagatgt cgccctgact      240
tccaggccctg aaactcatcg tgtctctcga tccccttgag caggggtgaac tggcttctca      300
caccaaagcc tctgtctcga atgagattgc ttctcatcat ggaattcaga tcttttccat      360
ggctcagggt ggcccaagtc tggagtgca cctcaatccc ctacccgaga      420
agatatctgc accatcaact acacctctgg tactactggt aaccccaagg gtgttttgat      480
cactcacgga aacgcggtt ctgctatcgc aggtggccga acgaacggca acgtgagccc      540
caaggatact cacatgtcgt atttgccctc tgcccacatt tatggccgac tcattgatca      600
gattgtctgc gctgaggggt ctgcgattgg tttcttccgg ggtgacatcc tgggcttggt      660
tgacgatatg aagatctcga agcccactgg ttctcatctc gttcctcgac tctttaaccg      720
tttcaattca gccattcgca cagctactat cgaagccgat ggagtcctgt gcgctcttct      780
ccgacgtggt atcgatacca agaaagccaa tatgcgacta ccgccaggaa aggccttccaa      840
caccacactc ttgtacgacc gaatctggac tcccaagggt aaggccgctg tgggcatgga      900
caaggntcac agcatggtca gtggcagcgc ccaacttgat cctgatgttc agcagttcct      960
acgtgccgcc tttgccaaac actttgcaca aggttttggc atgaccgana catacgtgt      1020
cggtcccatc caggcccgag gtgatttcac tactggaaac atcgccggtc ccatgtgttg      1080
tgtggaactc tgcctcgagt ccgttcccga gttcgattac actgtggatg acaagcccaa      1140
ccctcgtggc gaagcttctc ctccgcggtc ctgttatttt ccgtgagtac tacaagaacg      1200
atgaggagac ccgcaagaat ctggatgccg acgntgggt tccataagcg gtgacatctg      1260
cgaagtggac aagatgggtc gcttcaagat cattgaccgc aanaagaacg tcttcaagct      1320
cgcccagggc gagtacatct cccctgagcg tatcaanaat gtttacatgg gcagcaccag      1380
cctcgtcaac gcggttttct gtccacggng acggcactca ntccctcgtt gtccgcgatt      1440
ttggcattga tgtggaaaag cttttgcccc attcgcctaac aagaat      1486
  
```

<210> 169
 <211> 552
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

```

<400> 169
gtgggtgttt cagctacaag cgtggacgaa acttcaaaag tttgatttta gagacacacc      60
gaacaaaacc tttgccaaag tcaagacct ctttgagggg agtgatatgt atcagcgagc      120
ttccccaact atcctctcct tcaaagaagt tgtagagtat tgtaagcact tgagtgtagg      180
gttcaangtc tacatcaatc ctctcaacag tctgaaggag gctttttata cagggggcgt      240
tcttttctcc tgcctctatg acaagaaggt caangatggt tttgctgccg gtggcagata      300
cgatcaattg atcaaggaac atcgacctaa agtllggcgc cagtttggag agcgtcacgc      360
tgttggatcc agtttggcgt ggggagcggg tagcaaaaac cccaaaagct ggtggacggt      420
cgttcttgaa gaaggctgaa gatgaatcaa atggctctatt caacgctcga cnaigtgact      480
gtcttgttgc cagtttccat gctgtgtgtc tganatcgtc aggtgttgan atactccaga      540
ctctttgggc gc      552
  
```

<210> 170
 <211> 1522
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1522)

<223> n = A,T,C or G

<400> 170

aaggcgtagc	acacttttga	ggatatcaac	tcagaccctg	aaattgccga	ttctctgcga	60
aaactgtacc	agcaccctga	ctacgtcgaa	ttgtaccccg	gcacgtcgcc	agangaggca	120
aaaacgccta	tggttccagg	tgctcggtatc	gctcccaagt	atacaatctc	ccgagtgggt	180
ctctcagatn	ctgtggctct	tggtcggtgt	gacaggtaact	acactataga	ctaccatcca	240
cgcaacttga	ccaattgggg	cttcaaggaa	ggtgattacg	acctcaagat	caacctatggc	300
tgtgtcttct	acaagctctt	cttgccgcga	ttccctcagc	acttcaaggg	caattccgtc	360
tacgctcact	acccccatgg	tatcccccca	ganaacaaga	anattctcac	tgacctgaag	420
cgcgcggatc	gttttgaatt	tggtcggtct	gcgcgcacag	caacacgcac	caaccttggg	480
ggctacaagg	cagccaagta	catccttgaa	gaccagggtc	agtaccgtgt	ctgctgggag	540
gagggcctca	agcaacttat	gggtgagggt	ggtggacgct	ttatgctgtc	tgccgacaca	600
gcgctgcacg	cacagcagcg	caagtgcatt	ggtcgctctg	tgtacaacga	cacctggcgc	660
aaacgcggtta	agtcgttcta	ctcgacaacg	gcgagatgct	ttctgaagga	aaagtcatac	720
aaacttgcag	gtaagacaca	agttgatgtc	gtgcgcgacg	tgggcaacgt	tgacacacac	780
caactttgtc	cgaggatggt	caaccttccc	ctcaagacga	agcagaaccc	caaggggtgtc	840
ttttcggaac	aggagctgta	catgatcctt	gcagtcactc	ttgtgtgcat	cttcttcgat	900
attgacctgt	ccaagtcttt	ccctctgagg	cagggtgcca	gagagggttg	gcagcagttg	960
ggtaagattg	tggagatgaa	cgtcaaaact	gctaccagcg	ttggtatcaa	agggattggt	1020
taccagcaag	cccaacaaga	acgatgatcc	gctcgctgct	tacggtgaga	acatggccaa	1080
gggtctgaan	aagctgggtc	gagcattgat	gacatcggtg	ggagccagat	cttgcccact	1140
gctgggggcta	tggtgacgaa	tcaggctcag	gtgtttgccc	aaaccttgga	ttggtacctt	1200
ttctctgctg	gtgagaagta	tgcacctgag	cttcactgta	ttgcgcgtct	ggagacaggg	1260
aaagagacgg	atgctcttct	gctcggctac	gcgatggaag	tattcgcatg	gctggtacat	1320
ttggactgta	cgcggaacca	caaccgcgga	ttcatccaaa	aaaatnacgt	cgtgaagtct	1380
ctgtcnaggg	tggtgacaaa	tctttgtttc	ctttgtcaca	ctgccaanaa	cccaacatct	1440
tccccaaccc	cgaagaattg	atcctcncct	cctctggacc	ntatatccct	atgctttgcc	1500
ccatcttgtc	tttgaaaaaa	na				1522

<210> 171

<211> 630

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 171

gtcacactcc	cctactccgt	acgtgagggt	atcaacatct	tccttgacgg	tcacatcccc	60
acggaaaaact	tgcgattccg	tgatgagttc	ttgaccttca	naattgcaga	naacgcgcag	120
gaatttccaaa	tcqacaaagt	gcgtgcatte	acctacccca	agatgganaa	gaccttaggc	180
gttttaaggc	tcagcatcga	agtggttgac	ttcactgatt	ccgagatcat	tgtoatgatg	240
ggtgagaacg	gtactggaaa	gacaaccttc	tgctgtntct	tgcccgccgc	cttgaagccc	300
gacagcaana	agagcgtccc	cgagatgcga	atcagcatga	agccccagac	cattaccccc	360
aagttcgatg	gtactgttcc	ccagctgttc	ttcaanaana	tcaagcagtc	ttntttgtct	420
ccccagttcc	agacccagct	tgtcaagccc	ctcaagcttg	acgacttttt	gaccaagaag	480
tcaaaaaact	gtccgggnggt	gaattgcaac	gnglttgcat	tggtctttgt	ctcgggnatcc	540
ctgttgatct	ctacattatc	gaagagccct	ntgnetaccc	tgattnccag	cagngtttat	600
tgcctcgggg	ggttatnaaa	cgatttatna				630

<210> 172

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<400> 172

tgcgagccca	tctggatgga	gtccaagctg	cccgattacg	ctcaagccca	acagttcgcc	60
gaaggtgtcc	acgctgtgtg	gccagagaag	aaactcgcc	acaacctatc	tccatccttc	120
aactggaaag	cggccatgcc	tctgtacgaa	caggagactt	acatccgacg	cctgctaagc	180
tcggttactg	ctggcagttc	attactcttg	caggcttgca	cacaacagca	ttgatcagtg	240
accagttcgc	aaaggcttac	agcaccgtcg	gtatgcgtgc	atacggtgag	cttgtccaag	300
agcctgagat	ggacaaaaaa	gtcgacgttg	tcaaacacca	aaagtggagt	ggtgctccta	360
cgtcgacgag	ttgcagaaga	tggtcactgg	tggcattagc	ttcacggctg	ctatgggcgc	420
cggcgtgact	gaagatcaat	tcaaatagat	gtcacccgag	cgagtgatgg	gatgattacg	480
gaggcgagga	aacgagacgc	gatgtctcgt	gggaaaactt	tatggatgtg	ggaaaataaa	540
aagacaagcg	gcgaagcttt	tataatcttt	taagcattta	aatatcatgt	actttctgca	600
aattctgact	tgcatttcog	tcaaaa				625

<210> 173

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 173

ggaaagtact	ctgaagtctt	tgagggtatc	aacgtagtca	actaccagaa	gtgtgttggt	60
aaggtttctga	agcctgtcaa	gaagaagaag	attaagagag	agatcaagat	tcttcagaac	120
ctggctggcg	gccccaatgt	tgttgccctg	cttgatgttg	ttcgcgactc	gcagagtaag	180
acacggtctc	tgattttcga	gcattgtcaac	aacaccgatt	tccgaagctt	gtaccccaag	240
ttcaatgata	ttgatgtccg	attctacatc	tttgagctcc	tgaaggccct	cgattttctgc	300
cacagcaagg	gaattatgca	tccgcatggt	nagcctcata	accgttatga	ttgatcatga	360
gaaccgaaag	cttcgtctga	ttgattgggg	tctggcnoga	atcttatcac	cctgggtaccc	420
gaatacaatg	ttcgtggctg	cctctcgtta	tttcaagggc	cctgagggtg	ttggctcgatt	480
tccaggagtn	ccaatacnag	ccttgatatg	tggagccttg	gagcccatgt	tgccctctga	540
nettttnecca	aaagagcctt	ttttttcacn	ggaancagaa	ctccgant		588

<210> 174

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 174

gagggctttg	ctaacytccg	cgtcgacacc	tggttlyagg	tcatttccca	attgatctgg	60
cgaaatcaacc	aacccgaacaa	ggcggttcag	caatcggtgc	ataacttggc	tgcgatgtc	120
ggacgagctc	atccacaagc	tttggtgtat	cctcttactg	tccccatgaa	gtcctggcag	180
aacacaagac	gatctcgttc	cgcagctcaa	attatggaca	gcattgcgaca	gcattagcgca	240
aacttggtcg	ctcaggcaga	cattgtcagc	cacgaactca	ttcgcgtggc	cgtcttctgg	300
catgaacttt	ggcacgaagg	atlggaagaa	gttcgcgtct	tgtactthgg	tgaaacacaac	360
attgaaggca	tggttgcaac	tctggagcct	ttgcacgagc	ttcttlyagtg	tggactgan	420
actcttctgtg	agatctcatt	cgcgcaagca	tttggtcgag	accttaagga	agctcaagan	480
tgggtgcggg	aatacnanac	aagtcaagac	tcaatgaact	gaaccaagca	tgggatctct	540
actaccangt	gttccgtaaa	tcacangcag	cttcttcagg	ttactact		588

<210> 175
 <211> 756
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

```
<400> 175
tcttcaattc ttttacttcc tacaaaacat cgcaatcatg tcgctgtcca acaagctctc      60
catcgctgac gttgacgtca agggcaagaa ggctctcatc cgagtcgact tcaacgtccc      120
tctcgacgcc gacaagaaca tcaccaacaa ccagcgaatt gtcgggtgctc tccccaccat      180
caagtacgcc ctcgagaatg gcgccaagtc cgtcatcttc atgtctcacc tcggacgccc      240
caatggctcc cccaaagaga agtaactccct caagcccggt gtcgcccaga tcgagaagct      300
cttcagcaag aaqgtcaact ttgcccccca ctgtgtcggt cccgaggtcg aggagatcgt      360
caacaaggcc gaggatggct ctgtcatcct cctcgagaac ctccgattcc acattgagga      420
ggagggtctc tccaaggata aggagggcaa caagaccaag gccgacaagg ctccaggttga      480
ggctttccgt aagggtctga ccgctcttg gacggtttac atcaacgacg ctttcggcac      540
tgccaccgtg ctcaactctc catggtcggt gtcgacctcc cccaaaaggc ctccggtttc      600
ctcgtaaga aggagcttga gtactttggc aaggcttttg agaacccccca gcgccccctt      660
ctgccatcct ggggggngcc aaggtctccc aaaagancca cttaatcaca accttttttg      720
aaaggtcaac acnnttttat ttgnngggga ttggn      756
```

<210> 176
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

```
<400> 176
ctggaatcac cgcaacgttc gacgatcagc ttgcgagaac atcggcacat tgtctaccgc      60
aaggcccca tttctctcagc aggtgcttat cgacaccact ccgttgccct cggacattcc      120
cgctgtcaag gaggtcggtg ccagttctgc gctcttctt tcagcctctt tcttcacgg      180
cgctcgatgc cgcgactaca gcgatgatta catgcaatgc aagaacgaca accccggccg      240
aggagagttt gagtgccttga aggaaggctc acgagtcact agatgtgcct ccagcgtcat      300
caaggacatc aacaccact gtctggccga gttccgcaag cactgggaat gccttgaaga      360
ccgaaaccac cagctatggc agtgccgccc tgctgagtg gactcaaca agtgcgttta      420
cgataacttg aaacttgaga agaagattcc tgaccagccc accaactcga ctcccgttca      480
cctccgacca aagcagatct ttgccgacgt gcgcacggc cctggtgatg gtaagccctt      540
tgttcggggg caggaggatg cgcacaatat aatgctggaa tcagttaaag t      591
```

<210> 177
 <211> 587
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(587)
 <223> n = A,T,C or G

```
<400> 177
ctattgccgg ccagattccc ggcttctgag ctcttgctga ccgtaacggt ctcttcaacg      60
atattatggg cagcatcgaa agaacttgct tccgacactt tccaacatgt tcgcgctgca      120
cttggcaacca gatcagtggc ttggctccta ttcttgggaa agcaagaaac cattgaacca      180
cttctcccat gttccttcag atgctcaagg acgantttcc cgangttaga ctccatataca      240
cttcaaaagt cgagcttggt aacaaagtta ttggcatcga cctgctctcg cagtcactcc      300
ttcccgcaat tgtgcaactc gcgaagata agcaatggcg aatgogactt gccattatcg      360
agtacattcc ccttctggcc agccaaactc gttttcaatt ctccgatgan aantccagca      420
```


acttgtgcat	gggctggctt	ggagatacng	tcttctccat	tctgaagcg	gctactcaca	480
acctgaagaa	acttactgaa	gtttttgggtg	tctaatgggg	cagcgagggt	atcattccca	540
aggttatggc	tatgggttac	cacctaaata	cctctacaga	atgacta		587

<210> 178
 <211> 2012
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2012)
 <223> n = A,T,C or G

<400> 178	
caaacatctc	gtttcaccgc
ggactcaagt	caaaatgact
ggctcgtaga	ccccgagact
tgacacgcgc	ctccgtctcc
cgctccgtcg	tgtctctgga
cctgcgaacg	tttctcctac
agctccctcc	tgggttcaca
ttggcatggg	tcccaaaacc
tgatgcctct	tgtcgggtgc
acatcgccat	tgcctctctc
acgtcattgt	cgcgaaggac
ggctcggaac	tgggtttctc
acacccaagat	ggcgttcgaa
caaacaccgc	tgtctctctc
agattgctat	ggctctacgt
atctctctcc	tcctcgtctc
cctgcgaactg	gttccgtctc
agccctgctt	tcgcacctaa
cgccctgctt	ggatgaacct
gcctgcgaag	tctctctctc
aacctgaacc	ccaggtcttc
aacctgaacc	ctatctccat
ggctctccga	agctgggcct
atctccgcgc	tatccatggt
ccttctggtga	agtatgcaca
gatatacaag	tctgggtctc
acccaagctc	cttctctcga
gtctatgagtg	ccaaacctct
cctctctccg	atgaacctct
gtcggcggtg	ttgtctctct
aacatgctca	aggcctccaa
gttgcgatg	agcatgagga
ccaaaggagt	gcaagagtgt
ttatctctaa	ataattcaat

<210> 179
 <211> 859
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(859)
 <223> n = A,T,C or G

```

<400> 179
cctttctgaaa gtttttacta caagcctttg tttgcgcaac aagattcttc aggcggccag      60
acctcgctcg atgagactgt ctctctgttt ggccctcctg aggaaagtaa cgttggcgaa      120
tcgaaatggg gatttagtggt ttccgggtgcg tccagccgta ggaagcgccg tcatgatggc      180
gccataatct actacagcgg tgcctcgttc tgtacagact tgtctgggga ccccggtgat      240
atgtcaccca ccacacaaat gcgagcggct ggtcaaacc ccaacggataa ggatactttc      300
aagggtcccc tgtcgctct cgcacgaaca gactctggat cgtttctcaa ctaccgacca      360
ttgactgacc gcgggattct cccgacccaa gcgactacag ctatggatat cgatagttag      420
gacccgccaa gccttacaga tgataccgat gatgcaagcg aaattgattt ggacttctact      480
tggagcgata acccccata tatgcagcat taccctcttg agccttgggg tttaggcggg      540
gtcctgcctg aagatcactt catggttagt gctccacgaa aagatcgaaa caagatgaac      600
tgtctcagtc tcaagtggct agtgggaagg ttggtgaagc caccgatgcc gtctccgtc      660
gcttggaacc tatgtcaacc tcgtctccaa tctcaggcgg tctaaaacct tggccacct      720
cgggtcccc cctgtctgag attgaatata tgtcaggctg catcaagcga ctgacaccag      780
tctcgttgcc acctctgag attttcttcc caccatttag tccagcgag tctaccgtag      840
acnacaatga tgatatctc

```

<210> 180

<211> 865

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

```

<400> 180
cccgacaact ccaatcacca ggtcgactaa taacagcagc catggcttcc gagaaggcaa      60
acaaccccat gcggggagctg aagattcaga agctcgttct gaacatctcc gtccgagagt      120
ctggtgacag acttaactga gcggcggaagg tcttagaaca actttctggc caaacccccg      180
tctacagcaa ggcccggttac actgtccgaa ctttcgggat ccgacgtaac gaaaagattg      240
ctgttccagc tacggtccga ggccccaagg ctgaggagat tctcgagcgt ggtctcaagg      300
tcaaggagta cgagctccgc aagcgcaact tctccgagac tggcaacttc ggcttcggta      360
tcagcgagca catcgatctc ggtatcaagt acgacccctc catcggtatc tacggcatgg      420
acttctaact ctgcattgac cgacctggtg agcgcgtcac ccgccgccgc cgaacaaagt      480
ccaagatcgg tgcctctcac cgcattcaagc gcgaggagac cgtcaagtgg ttcaagtctc      540
gcttcgatgg tattgtccga taaacggttg aaaaggaaaa tggttatttg aatttacgga      600
ctgggtcacg cgaacattag ggggaaaact cacatggggc ttgtattttc tgttgccatt      660
gtgtgcatcag ctcgactctt ttagtcgagc caccggcctga gagaccgacc ggcactctgc      720
cggttttccg atattcactc actctgaatg tgacatctgc catcaatcgt tagatcattg      780
gtactttgtc taaaaaaaaa ctttgctctc cgtgtttaag tctacgtgag acgatataaa      840
catgtccttt gggactttgn tcactc

```

<210> 181

<211> 719

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

```

<400> 181
tttaacagta agtctcatgt agtatgtct taataagcca tatctacttt acatataata      60
cataatccat ctttttatcgt tttctctctg gccaaagcctc gggaagaccc tcataaatcg      120
tcacattact gaatgtcac tcgccacttc cactgtggaa gaagcgaata tcagtcagc      180
cggcatacca ggaacgagcc caggtagcca caccgaatcg gtctgtggcg tgaacctcga      240
ccatagcatt atcaacaaca atagtaagat ccaaggtctc aacctgctct tcgtcatcaa      300

```

tgacaacgctc	aaacagacgg	agtcggccag	cttcggttctg	agagtcgata	tcgctgggtt	360
tgagggcagc	agcactgggtg	ttgttgccgt	caatgatgat	agactcggtg	gagaactggt	420
agtagatagt	cgtggactcc	ttctcagaag	ccaagatttg	gaaaccagcc	ttcaggtcag	480
agtcgcgggc	agacttgggg	aaggagatgg	agctcttaag	aaggtanaac	ttggagtcng	540
ggttggtgtc	aaaaagtggc	gaccttgact	tgctgatgtt	tcgaccagct	tcaataatgg	600
gcttaccttg	gtgaactcgg	ccatgggcta	cgancaataa	cctgctttat	ggngggcgag	660
cttcaggatc	ctggctcgnt	tnttttaacg	cgccatgagc	ccttctngcg	anaaaactt	719

<210> 182

<211> 1045

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1045)

<223> n = A,T,C or G

<400> 182

tgccaattgc	ctacgcgac	aatatgatct	cgagatcgac	ccttgccgga	accgcgcagc	60
aggetgccc	ccagtcctgc	cgcgccagc	gacnaacata	cgccgcgcgt	gcttcgaccg	120
gacatacga	gacctcggat	gcgtctggcc	tcaagattgc	ctcacgggat	gcccacggcc	180
ctactactaa	gctcgtgtt	gtagctaagg	cggtaactcg	ataccaacct	ctccccggtc	240
tgactgctgg	ccttgccgag	tttgccctca	agaacaccca	gcgacgatct	gctcttcgca	300
tcactcgaga	gtctgagtc	cttggtggtc	aattggcttc	ttcccactcc	agggaggctg	360
ttattgtoga	ggccaaactc	ctccgcgag	atctgcttta	cttcactgag	ttgctcgtcg	420
aggtcatttc	catgaactaag	tacactaccc	acgagttcca	cgaggatgtc	gagcgtgttc	480
thaccataag	cagggcgcc	caacgcgcag	gtcgcgcgca	ctgntnttga	caacgcgcac	540
gccatcgctt	tccactctgg	ctctgggttc	tccatctctc	ccagcttata	aactccttac	600
cagaagtaca	tgaacgagga	gtacatcgcc	agcttcgcgc	atgccgctta	cgccaaagtc	660
aatatcgccc	togtcgcgga	cggctgcctct	gccgatagcc	cttccaaagt	ggttgggtcaa	720
ttcttcaaac	atgtgccttc	caaccccgga	aacggcgagc	cttnaagacc	gagggcgcca	780
agctacttgg	tggtgagcag	cgaacaaact	ccactgncgg	caactctata	gtcattgnc	840
tcocggtaac	agttacgagt	ctggcaagcc	tgagaaagct	gtcctggctg	ntttcttggg	900
ggcaagcaac	tgnaaagtgg	gcttntgggt	taacatgctg	gccaaaggcc	cggtggnaact	960
gongtttaac	gnnaaaaact	caactctctt	atctttgacg	cggctcttgg	cggtcaagtt	1020
aacggctctg	cgcctttgtn	cgcaaa				1045

<210> 183

<211> 508

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(508)

<223> n = A,T,C or G

<400> 183

tgacagagga	gatgggtgctt	actgctttctc	gagtggttcaa	caaggtatct	ctcnaagacca	60
actacttacc	acccacaaaag	gttgccctga	gcttcctgtct	tgacccctct	ctctcccttg	120
acgtcgagta	ccccaaagcc	ctttaaggga	tggttcctgt	ctacagctcc	gagtcctcag	180
gtttccaccc	cggattcaag	gacatctctc	gtgggtggat	ccgaatcgtc	aagtcctcga	240
acaaggaagg	ttacgggcac	aatgcccgat	ctctcttcga	cnanaactac	ggctcttgcca	300
gcaatcagga	ggttgaggaac	aangattttc	ctgagggtgg	ctccaaagggt	gttatccttc	360
tggaacccaag	cagcaaaaac	gtgcttcgga	agctttcgaa	aaantacatc	aatngtatcc	420
ttgatctctc	cggcccgctg	anacacttgg	ttatcaaaaa	ccccattggt	caacctttac	480
ggcaaggaag	aaaatctctt	cttggggt				508

<210> 184

<211> 658
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

```
<400> 184
cgagaaggag tctggcctgg ctctgtgtgt tggttccggg tccgctggta tcgctgagct      60
ggctgtcttc caccctgtcg acaccattgc gaagcgattg atgagcaacc agtcctcgat      120
ctctgggttc agccagttga accaagtcac ctccaaggac caccgctccg ctctatcgg      180
acgaaagttc gttttctctct tccctgggtc gggatacgcc gccggttaca aggtcctcca      240
gngagtcctc aagtaaccta qccaacctgt cgtctgtgat tacctggcca agcactatgg      300
ctctgacttc gagaacgctt ttggnaagaa gaactggcaag gotattatgc actccactgc      360
tggaaagtctg attgggtatg gtgagatcgt ctctgctctc cgatgtcttc aagatcaagc      420
gtcagacaaa ccccgaggct ttcccgcgnc gtaggtgtct caaaatgggt ccgatgaagg      480
tttcggcttg tccgtggntg gggttggact gncgcgtaa cgcctctggg tcgttcgctc      540
tgtcngnggc tctgccttcg ccaaggatac cttttncacc ttgaggatac aacaaggcca      600
ctgggtncaa aactttgtgc ttccattgct gggccttggc tttnttggcg ncttcccn      658
```

<210> 185
 <211> 1030
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = A,T,C or G

```
<400> 185
gtcccctcct ccgagcttcg actttccaac cttttcttgt tcttgcctctg tattcttttgc      60
accatcatca attggcagag acacagcaat catgttcaac ctctgtcgcc tttttgcgtc      120
ggccctgttc cttgggtctg gctcctctt cctcgcccag acggccgagg ctgccaaggg      180
tcccagatc accacaaagg tctacttoga cattgagcag ggtgacaagc ctctcggccg      240
cgtcgtcatg ggtctctatg gcaagactgt ccccgagacc actgagaact tccgcgctct      300
ggccactggg gagaagggtt tcgggttaag gggctctgct ttccaccgcg tcatcaagaa      360
ctttatgata cagggcggtg acttcaccaaa gggtagcggc actggtggca agtccatcta      420
gggtagcctg ttcaaggatg anaacttcaa gcttaagcac accaagaagg gtcttctctc      480
tatggccaat gcgggcggtg acaccaacgg ctctcagttc ttcatcaccb ccgttgtcac      540
ctcttggtct gatggcaagc acgtcgtctt cgggtgaagtc ctcgaggggt acgagattat      600
cgagaagatt gagaacagca agaccggagc ggcggaacga cccgtcgagg ctgtcaagat      660
cgccaagagc ggcgagcttg atgtccccc tgaaggatatt cactgtgagc tctaaagagg      720
caacattgca cttgtccagt ccgttctcgc caccgttgat aaacttccaa aaaaaaggc      780
aggatttgcg gatgcgtaac cctntgtccc gttaggcctt gccggcacat ctgaagttcc      840
cttgcgtgaaa aagggttgcct tccactggat ggtctcctat tcagaaggct tggcctcttc      900
ccttctctct cgggtacact ctttctttgt ctcggcaacc cccqacagca ctctcgatcc      960
taagcgactc gagatccggt cttttataaa gaacaagaca agacaataca atacttgaca     1020
ttccaaactc                                     1030
```

<210> 186
 <211> 765
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(765)

<223> n = A,T,C or G

<400> 186

ntcttcgttc	aancgctggc	ctatcgattg	cggcagcggc	agctacattt	caaaaaacaa	60
ctagaaaacc	agccatcgag	tttgggtgtaa	ggaaaatgca	cagcanggtt	gtcattatcg	120
gttccggggc	tgctgcccc	acggntgctg	tctacttggc	acgagccgag	ttgaagcccg	180
ttctctatga	gggtttcatg	gccaacggta	tgcgcgtcgg	cggatcaattg	accaccacca	240
ccgaggttga	gaacttcccc	ggtttcccc	agggatcat	gggaggcgag	ttgatggaca	300
acatgcgagc	ccagtcgag	cgcttcggca	cagaaatcat	caccgacacc	gtcgctaccc	360
tgcacctctc	ttcccgctcc	ttcaagtaca	ctaccgagtt	ctcccccgag	gagacacaca	420
ccgcgcgagc	cgtcactctc	gccaccggtg	cctcagcccc	tcgctctcaac	ctcccccggtg	480
aggacaagta	ctggcagaac	ggtgtctccg	cctgcgctgt	ctgtgacgga	gccgtcccaa	540
tctttcgcaa	caagcctctt	tttgtcattt	ggtgggtggg	actccgcgcg	cgaggaggcc	600
actttctctc	caaagtacgc	cagccacggt	acggtcctcg	tccgtcgcca	tgtcctccgt	660
gccagccgaa	ccatggccaa	ccgaattgtc	aaccacccaa	gtgcactgtc	ttgttcaaca	720
gggggtgcca	ctgaaatccg	angtgggtgaa	gagggtctca	cgaaac		780

<210> 187

<211> 1602

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1602)

<223> n = A,T,C or G

<400> 187

atagttctgt	ctcaaacaga	gacagatcac	aacttgacat	aaaagagctt	gatccccaccg	60
ctttctagtc	acaacatcat	catccatcaa	tctcatactt	tcattcaatc	atcatctctt	120
catctctttc	gttgaccatg	aaactttctc	aacttgccac	cctgggtggct	tccatcagcc	180
cattcgccag	cgcagcagac	gcaaacgcct	ggaagtcgcg	aaacatttat	tttgtctctc	240
cagatcgtgt	tgcgcgtagc	ggtagtgtga	gcggcggtaa	cgcttcgggc	aatctcggaa	300
actattgcgg	tggaaccttt	aagggtcttg	aggctaagct	cgactacatc	aagggcatgg	360
gattcgacgc	catctggatc	actcctgttg	ttgagaacac	ggatggcgga	taccacggat	420
attgggcccc	aaatctttac	gagggtcaatg	ccaagtacgg	aaccaaagac	gacctgaaga	480
gtctagtcaa	cactgcccc	agcaagaaca	tgtacgtcat	ggctgacgta	gtagcaaatc	540
acatgggtcc	aggcatccaa	aaccacagac	ccgaacctct	gaaccaacaa	agttcttacc	600
actcttctctg	cgcaatcgac	tacaacaacc	aaaacagtat	cgagcagtggt	gagatcgctg	660
gcttgccccga	tctcaacact	ggtagcgcaa	cagtcgaaga	ggttctcaac	gactggatct	720
aatggctcgt	ctccgaatac	agcttcgatg	gtatccgcct	tgacaccgtc	aagcacgtcg	780
aaaagggtct	ctggcctgat	ttccagaagg	ccgctggagt	cttctctatc	ggtgaagtct	840
gggatgggaag	ccctgattac	cttgcagggt	actcaaagggt	catgcctgggt	ctattgaact	900
acgccatctc	ctacccccatg	aaccgcttct	accagcagaa	gggtgaccca	tccgcagtggt	960
ttgatattgt	caacagagatc	agccaaaagt	ttgacgaacc	aactgtctctg	ggaacattca	1020
tgcacaacca	cgataatcct	cgatgggttaa	gccagaanaa	cgaccaggcc	ctcctcaaga	1080
acgcccttgc	ctaogttatt	ctctctctgtg	gtattcccat	tgtctattat	ggcaccgagc	1140
aggggttaacg	tggaggcaat	gaccccgcga	accgtgagga	tctctggcgt	agcaacttca	1200
agacagatc	agacctttac	caactatct	ctaaagctcgg	aaaggccgct	ccgctgttgg	1260
tggtctcgca	ggaaaagacc	agaagtctct	caagtcacat	gacagtgac	ttatcttggg	1320
cccgctgcga	tagcgatctc	attgttgtga	ctctgaatcg	aggaaaagga	ttttccggag	1380
agtaactgntt	caacactggc	aagaacaaca	angacttggg	gacagagatg	ctangccaaa	1440
ggaaactgtca	agttctgaagg	taacngccag	ctatgtgtta	agctacacta	acggngaacc	1500
ccgagggtct	ncgntgcggg	aaactaaatg	ggnggncgag	tttnaaaaga	actagtactg	1560
agtcacaagcc	ttttgggggtg	gattctactt	tcttatcttta	tg		1602

<210> 188

<211> 1236

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1236)
 <223> n = A,T,C or G

<400> 188
 tttttttttt ttttttaggcc cttttntttt tggggggcatc agattttttgc attcctttttt 60
 ccctatgacc gtcctgtgaca tgcagtaacc gcgataatcg ataaaccagg catccggccc 120
 atccccccacc gtgtgtatgc gcgtgcgcta acgacacggt cccatagttc acgccataac 180
 aaatcaatcc acccttttcc ttaacatcat cgtgatacca tgcccaagag agagaaaagtc 240
 ggggtgctggg ggcgggacaac gggttgagaag aggtagctta gataccgagc ttggtctttgc 300
 gccaatgcct tcgcttancc ttgttagcgga tgggtgttgc gttcggaggc gaaccctctt 360
 caactttgaa catctcatcc cgcactacta acgccagtc cgaacccca ctgtacagca 420
 aaaatgtctg acaacgggca gatcgaggtc gagaactccg cctctacga ggtgcttcc 480
 aaggatgttg ttaaggaggc tggcaatgtc aagctcttca acaagtggga ctacgatgtt 540
 gaggtcccg atatctccct gactgactac atttccctgc gaaaccccg ctacgtccac 600
 cacaccgctg gcgatatgc caccaagcga ttccgcaagg ccaactgcc tatcattgag 660
 cgattgacca actctctgat gcaccacggc cgcaacaacg gaaagaagct catggctgtc 720
 cgaattgtcg ccacgccttc gagatcatcc acctcatgac cgaccagaac cccatccagg 780
 tcgctgtcga cgcctatcgc aactgcggtc cccgtgaaga ctctaccoga attggttccg 840
 ccggtaccgt ccgacgacaa gccgttgatg tctctctct ccccgagtc aaccaggcca 900
 tctctctct caccactggg gcccgcgagg cctttttcc caatgtcaag tccattgtg 960
 agtgccctgn ttgaggagct tatcaacggt gntaagggtt ctagcaactc ttacgtatc 1020
 aagaagaagg atgagttgga gcgtgtggcc aagagcaacc gataaaaagg gcaaagggtg 1080
 atcacgtctg gaagggttg ctttggcgtg ttccggctta tttcagaatt gcatttttgcg 1140
 ttcacgggt ctgggaacgc ggctatggat tttcttaggt ggctacagat tcaataaaaa 1200
 agtcgggctc cctgagagtt aaatgaaatg aactcc 1236

<210> 189
 <211> 818
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 189
 ggagttcgag ggcaagaagc ttgtcgacat caccaaggac tttgagctcg aggagaccga 60
 ggaggagaag aaggcccggt agggaggagga gaaggagtac gagaaccttg ccaagtctct 120
 caagaacgtc ctggcgagaa aggtcgagaa ggttgtcgtc tctcacaagg tgggtctctc 180
 tctttgcgtc atccgaactg gtcagttcgg ttggtccgcc aacatggagc gtatcatgaa 240
 ggctcaggcc ctccgtgaca cctccatgtc cagctatgtg tctccaaga agactttcga 300
 gatctctccc aagtctgcta tcgtccagga gctcaagaag aaggttgaga acgacngtga 360
 gaatgaccgc actgtcnagt ccatcgttca gctcctcttc gagacctctc tctttgtctc 420
 tggcttcacc attgaagagc ctgctgggtt cgcgcagccg atccacaagc ttgtccagct 480
 cggcctcaac attgaggagg atgactccgc tctgtctgat gctgatgcta ccgacgcctc 540
 ctccgtgcgc ccgcgggtga cagcgcctatg gaggangtgc actaaaagat caatgcattc 600
 taaacgggat accataaaaa gtcaacggan ttgaagggtt tgggttttta tnancaacaa 660
 ggtctttggt tctgggtttt tatgggaact tynccgattt gaacagcccg ccttatcttg 720
 ccaataatct cagttctaga antaggacca ggtgtaactt aagttaggtt tatgatccag 780
 agagagatga agtagatgcg aaaatggaaa tggltatan 818

<210> 190
 <211> 663
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(663)
 <223> n = A,T,C or G

<400> 190
 ttgcgtctcc gaccagcgaa ttgcaatcaa cacaacaccg cgacaatggc tgacgaatac 60
 gacgccgagc atgctgccga gctcaagaga aagagagcgt tccgaaagtt ctccctaccga 120
 ggaatcgacc ttgaccagct cctcgacctc tccctcgacc agcttcgcga tgttgteccac 180
 gctcgtgccc gccgcaggat caaccgtggt ctgaagcgcc gccccatggg tctcatnaag 240
 aagcttcgca nggccaagca ggaggctcag cctaacgaga agcccgatct cgtcaagacc 300
 cacctccgag acatgattgt cgncccccag atgatcggtg gcgtcatcgg catctactcc 360
 ggcaaggagt tcaaccaggt cgagatcaag cctgagatgg gtggctcacta cctgggtgag 420
 ttctctatct catacaagcc cgtcaagcac ggtagaccgg gtatcggtgc cagcgactct 480
 tctcgtttca ttcccttcaa gtaanaagtt tgcgggcttg ggtggtttct gcattcaagg 540
 aatttttggg cgcacaaggac tgggtctggt agatggacta ttacaaacatc tctcaaaatt 600
 atgatgaca atggggttcaa tgatagtaca ataaaggaca ttgggcgctt gatgaattcc 660
 ttc 663

<210> 191
 <211> 581
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 191
 aggtatagca ctcaactggt ggactttctg gtgttgagtg gtctgcttgg cccaaggaag 60
 atctcagctt cgcgcagget ttcgctcgccg tcagcaacat catttttgcc ttcagtttcg 120
 cgatcggtca attctccttc atggacgaga tgcacacccc tactgattac atgaagtcca 180
 tctatgcctc atgctttatc caaatctcta tctacacctt gaccggagcc ctttgctacg 240
 cttttattgg acctgctgtg cagtcgcctg ctctgttgct cgtcgggcca cttatttcca 300
 agatcgcttt tgggtgctgt ttgctgttta tcttcacttc cggttcgatc aactcgactg 360
 ttgcccctcg atatcttcat ggccgtatgt tcaaggactc gattcttcga tacgtcaata 420
 cccccatggg ttgggtcagc tggatcactc ttgtcaccat tttcactatc gtgcgatggg 480
 tcatcgctga agccattccc atctttctctg acttgccttc tcttgccctg gctctntttg 540
 ngtctggggt cttttttctg atccccagggt gtcattgtggt t 581

<210> 192
 <211> 696
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 192
 tttttttatg tncaatgggt ggactccaat ttgtggatac taaatataat gataaaacaa 60
 catatgatat cattaaaaatc atggncggga aagaaaacct tcgttataca acccacataa 120
 ttatgaatcg attgaattga ctctctatat ctttttttgg tatcttttggc agttctgggt 180
 cggcttcata gcttcaaaagc agggctagaa ggtccagctt gagtaattct cgttggtataa 240
 aagcgatgta aggaagtccg catagtccct gccagtaacc tgacgggaga agtattgagc 300
 agcgaggttg tntctgtttc cnttaggggc agaggcagca agctgatcgg cagtntcttt 360
 gaggagcttc aaagcatagg acttgtsaac agctttgcgg tcagcggtgc tgacgccatg 420
 cttaacccac tgccagagct gactgcgaga gacttcggct gtggcagcat cctccataag 480

gtagttgatg	ggaacacatc	ccactcctcg	gatccaggcc	tccatgtagc	cgagaccaat	540
gttgagggtc	ttcttgatac	cctctctctg	gatgggtgca	gggacgttca	tggtgagcaa	600
gtcgttctgg	ccgatgggtg	catcgtctct	gcgcacgaaa	agctgggttag	gagtaggcat	660
gtgcttgctg	aagatctcgg	tagcganact	ggccnn			696

<210> 193
 <211> 1020
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1020)
 <223> n = A,T,C or G

<400> 193						
eggactttgc	tcttcaaccc	acgagcaact	actaaccocga	acgattcaag	atgctctcca	60
aagccggcaa	gaaggteget	cccgccctct	tccctcaggg	taaggctggc	aagaaggctg	120
ccaagaaccc	tctcctcgag	aagcgacccc	gcaacttcgg	tatcggccag	gacatccagc	180
ccaagcgaaa	tgtctctcgc	atgggtcaagt	ggcccagagta	tgtccgcctc	cagcgccaga	240
agaagatcct	tcagatgcgc	ctgaagggtc	cccggtctct	tgctcagttc	cagcacgtcc	300
tcgaccgcaa	cactgctgcc	aggttttcaa	gctcctcaac	aagtaaccgac	ctgagaccaa	360
ggccgagaag	aaggagcgtc	ttcttcagga	ggctaccgcc	gtcaaggagg	gcaagaagaa	420
ggaggatgtc	ttcaagaagc	cttacaactgt	caagtaacgg	ntcaaccac	gttggtggcc	480
tgattgagaa	caagaanggn	ttctctcgtc	ctcatnccca	acgacgtcga	gccattgag	540
ctcggtggct	tccttcttcc	ttctctgcaag	aagangggta	ttccttaacn	cattgtnaag	600
gcaanggcgc	gtttnggaac	tgctgtncac	aaaaagaccg	ttggttgctc	tcgccattac	660
cgaggtccgg	tcggaggaca	agacttgagc	ttttcaagtt	ggtttccgtt	gtcaaggatg	720
gttaccttga	gaagcacgac	caggcccgcg	gacaatgggg	tggtgggtat	atgggtgcca	780
aggctcagat	gaagatcctc	aagaagcaga	aggctctnga	ggctgctacc	aagatctaag	840
tcataattgt	ttataccccc	caaatgcatt	gcgaaaatgg	gatcaacggc	gttgcaaggc	900
tcacggcatg	gaaaatgaat	gattttttct	gggttacttt	ttgttcccat	ccccactcgc	960
agtgcacatg	ggggctgggc	acccaacccc	cttaaaaaata	gatgatgagc	ttgcttctgg	1020

<210> 194
 <211> 483
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 194						
cagggactgg	aagcttttga	caagctaact	atcgagaaaag	ccagaactct	tgatgtcgat	60
gatctcgatg	aagaggggtg	gaggatcgcc	agtcttgaaa	agagaattgt	cgaaatcgga	120
aaccttgggt	aggggtgctg	tggncccgct	acaagggtga	agctcaaggg	tggtaacact	180
gtttttgctt	tgaagatcat	cactacqaat	cgggatcccg	acgtaaaagaa	gcagatctct	240
tgaggcttag	gattcaacaa	ggagtgcgct	tcnaccata	tttgcaagta	ttatgggtgca	300
tttggggacc	catctaacgg	caccatctct	atcgcaatgg	agttctctga	aggtggctcc	360
ctcgcaagtn	tttacaagga	agtaaaaagc	ctgggagggc	aaacgggaaa	aaaagtgtct	420
ggtaaaattg	cagaggggtg	tctcgggggt	ctaacatctt	gcatcccccga	anaatnattc	480
ccg						483

<210> 195
 <211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 195
 cacaacgata tcgtccagag tttgacatgg aacgccagcg gaagcatgct cgccaccacc 60
 tcgcgagata agaaaattcg tgtgtgggat gtccgacagg agaagcccg ccacgagggc 120
 cctggccacg gtgggtgccaa gaacagtcgc gctgtctggc tgggagagca caaccgtttc 180
 gcgacaaccg gcttctcgcg tatgagcgaa cgacaaatag ctctttggga gcctggcagg 240
 acagagccca ttggcggtatt caccatgctt gactccatct ctgggtgtctg tatgcctttc 300
 tgggatgatg gttcaaactg cctgtacott gctggcaagg gtgacggtaa tattegatac 360
 tttgagtacg agaatgacaa attcgagttc ctcagcgagt acaaagtcgg gcgacctca 420
 cgcggtatgg ctttcatgcc tcgacgaggg attaacactc atgagaatga ggtcatgang 480
 gcttacaaga accgtcaacg atgcttacat cgagcccatc ttaatttact ggcccacgac 540
 ggggcccaga accttccag gcgatatct tccccctgn tgggtgggaa cca 593

<210> 196
 <211> 654
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 196
 caccatctga ggattgotta ggaaggcaat aatcttattg tcgaggcatc atgcagattt 60
 tctgtcaagac cctcagggg aagacgatca cccttgaggt ggagtcttcc gacaccattg 120
 acaacgtcaa gtccaagatc caggacaagg agggcattcc cccggaccag cagcgactta 180
 tctttgctgg taagcagctc gaggatgggc gcaccctgag cgactacaac atccagaagg 240
 agttactctt ccacttggtc ctccgctctc gtggtggtgg taagaagcgc aagaagaagg 300
 tctacaccac ccccaagaag atcaagcaca agcgcaagaa gaccaagctg gcgctctca 360
 agtactacaa ggtcgactct gatggcaaga tcgagcgctc tcgacgcgag tgccccagcg 420
 acacttgogg tgccggtgtc ttcattggctg ccattgcagga ccgcccagtao tgtggtcggt 480
 gccacctcac ctactcttcc gacaagcagt aaatgtatca acacgggatt gggattgatt 540
 gatgacggaa cggattgggt gccaaaaatg ggcgttgaaa ggctgtagca caaagcacat 600
 ccggtttctg aaattatgca ttcacgctta agaagacaaa aaacatgata cctn 654

<210> 197
 <211> 629
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 197
 gaattcttga gatttggttc gaagatgaaa tgcgacagat catcaaggct cttcccaagg 60
 aggaacgata gaattatgct ttctctggca ctcaaaacaac caaggctcag gatcttgcct 120
 gtattctgct gcgacctggg cccctatata tcaacgttga cgaggagaag cagtacagta 180
 ctgtggaggg tctcgaacag ggttactctc ttgttgacgc cgaacagcga ttcttctac 240
 tcttctcttt cctcaagcgc aaccttaaga agaagatcat cgtcttcttc agttagctgcg 300
 cttgtgtgaa ataccatgcc gaactcttna actacataga ctttctctgc cttgacctca 360
 cgaagcaga agcagcagaa gcgaaccaca ctttcttga atctgtaaag ctaacagggt 420
 accctgatct gcaatgatgt gcgctgctgg ctttgatatt cttctgtga ttggattgtc 480
 agttcgaccc ttgggaltan cctgtgtact acattcacen gtcgtcgaac cgtcgaggca 540

gcaacacaag gccgtcacta tgttctnag ccaacgancg ggntcttgcg atntaagggc	600
ctngtgtccc gtancggttg attccccn	629

<210> 198
 <211> 965
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(965)
 <223> n = A,T,C or G

<400> 198	
aatttttttt ttttttttt ttgaaaaactc ggggtgtcatt catcaaggta tcaattttcca	60
tatccctgtc atgaatccct gtcctgagta aaacggcgag cacaatgcag aatttttttt	120
gaatccatta ggctctattg accgatccct taataagcgt ttttaagaa aatcccttag	180
tccatctggc ggaacgagggc gttgatagcc tcttcgcggt taccaaggtc accaccctcg	240
ataaagtgtc tgaaccttgc ggggacggaa accaccagt aaggttggaa aagcttaaag	300
ggccagagga aagttgaagg cctgcttnaa gttggggccc acagtgtaga tctcgtggaa	360
tgagatccct aacacagaca aatgcggtag ttgcccaggt tctcctcaac aatgaagttg	420
tccgtaagaa cagttcgctg cttgttgacc ttcccgtagc cagccttgta gatgagctcc	480
ttgaagggtc tcagggttggg gtaaccgtag gcgatccaag gctcgacaac cttgagcctc	540
tcagtgatgg ccttggtgac cttgaacgaag acaccgttgt tgatctggag gagacggaga	600
agctggagga tcttgccggg cttgggggggc atcttgttga tacccttgat acggaacgag	660
aagatcaggt tggcctcagc agggacgtag gcagagtcct cagaactggc aacggcggtga	720
agaacggatc tctcacgctc agcatcgcgg tactcttgaa cgtactcttc agcacgcttg	780
aagatgaact gaagcttctc cttgttgcca gtctctctct tctcaacggc gtccggcgcc	840
tcagcacggg cctctctctg agacttgccg ttcttgagaa gggctctggg gaccaggatc	900
tggctgctgg taggaacggg agcaaccatt ttgtcggcga cggctgttgg aagagtcggt	960
tagtg	965

<210> 199
 <211> 887
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 199	
gacctttctc ttagtgctca cttaccctcc tggattctcc catcaacaag gctggcaaac	60
tcagatctca catccatacc gccaaagggg tcttgattga gggtttctcc tcagtcggca	120
ttccccgaac gttcaagggt tttgcccgtc tcatgggtga gcttctgcac cgcctgtcta	180
tcgcctccac caactccaac gagaagctgc ttccgctgat tcagaacccc atcaactgac	240
acctgcccgc caactgtccg aaagtacagc tgagtttoga tgcaccactt gtcagggttc	300
gtgagtggtg cgaatcttcc aattccaaag acagcatctg cgttttctgt ggtgcgatgg	360
tcagggttga ggaacatctc ggcgaactct ttgtggutga gaagatttct atcagcaact	420
ctctctgtgc cgcacagtgt gcttgtagca agttctgcca cgcctgtgaa gatgtttggg	480
acattatgta atgtctaccc atcccaagtg ggcctggcaa gaaacccaag ctggaacgaa	540
cggcaaggcg cggctcgccc aacgatgata caacatcttc gctggganda agatgggttc	600
gtggtaacct ggaatgcctg ggggtgttccg tctccttctg ttttgcaacc aaaacatggg	660
gggttcaaaa cggggctcaa gac tgaatg ttggtatgga tgggtctctt caacatgac	720
cacattttcc tctttgttct rttctttctg ttggctcagc gagctctgct tgggtttgcc	780
ctttagcaat taangggcat gttgcaccaat tttatcctgg atcggacatg cttaccctca	840
gtcctaccga tctaaccaag gaacatcttg tgaaaatggg caccatc	887

<210> 200

<211> 875
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(875)
 <223> n = A,T,C or G

<400> 200
 actccgctcgt cgtaaatcca cgtagtcgaa ccagccgtca aaatgagcgc ccaggccctt 60
 aacaagatcg ctcccaacag cccctcgagg cagaacccct ccgagctcga gtcgagcatc 120
 gccagggctc tcttcgacct cgagtcacaac acctccgata tcaaggctgc tctccgacct 180
 ctccagatcg tctctgctcg tgagatcgag gttggccacg gcaagaaggc tattgtcatc 240
 tttgtccccc tcccttccct gcagggtctc caccgcgtcc agcagcgtct caccgcgtgag 300
 ctcccaaaaa agttctctga cggccaggtc ctgctctctg attctctctg catctctgccc 360
 cggcccaagg gatctgctcg ctctcgcaac aacccagagg agaagcgacc cgttcgcgaa 420
 ctctcaccgc cgtcccaagc gccatctctg aggatctcac ctaccccgtc gagatctctg 480
 gcaagcgctt ccgcaccaag gaggaacggtt ccaagctcct caaggctcat cttgacanan 540
 aaggancgtg gtggtgttga ntacgcnctc gacactactc tgaggctctac cgtcgtttga 600
 caggccgcaa cgtcaacttc gagttccctc agagcggctc cgtcgactac taagtcgggtg 660
 cgtctacttc agagatgaat tagtagtacg aggcacaaac aaaataccaa acgtctttac 720
 acatcaatto aagggtctgg agtgcctatc tttaaactat gttggtttgg tcatcaaaag 780
 gggctcggcg tctttaaaga aagtagcttg ataaatggta caagctcggt atgatttgac 840
 aagacaacct aaacacttct gtccaaaaaa aaaaa 875

<210> 201
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 201
 caaggacgoc aaggggcatt attgtgaagt aatggagttc tgtgctggag gagatctcta 60
 cactctcggt ctctcaagtg ggaagctcga agttcaagaa gccgactgtt tcttcaagca 120
 gatgatgggt ggtgttgaat atctacatga aatgggcgta gcacatcgcg acctcaagcc 180
 cgagaacctg ctgcttacca ccgcgggcgc ccttaagatc acagatttct gcaacggaga 240
 gtgttctcga atgggtctgg aaacggacgc gcatatggta tctggcctat gcggttctgc 300
 ccttacattg cctcgaggaa tacactgata aggagttcga cgcacagagt gttagcgtat 360
 ggggtctgtg tgttatttct atggcaatgc gaaccggcgc tccacttttg cgaactggota 420
 agaaggatga agatgaatct tatgcccgat accttgaggg ccgcccagac gaggaaaggt 480
 accgncctat cgagtctttt catcgggccc gtgncgcaac ggaatttact cgggtttgat 540
 cctatctact cgcgggttga cagtgcctaag tnccttaagtc aaaaatggga cgcgagacaa 600
 ctatgcaagg ctggtgnaaa aggtctgtaa tgacaggaa 639

<210> 202
 <211> 818
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 202

gaattttttt	ttttttttt	ttatagcaat	tgtatcataa	tgtcatcata	catggagatc	60
tgggattgat	atccgaatc	ctcgtcacgc	atcgtgcaca	tcattgattg	ttcgttgaag	120
acttttgtat	ctattttccc	ttttcagacc	cgtctcccat	gatcagatcc	ctaaccgtaa	180
tgtcgatgca	agcaatccga	atagaactcca	cgtgtcgaaa	tatgactttg	tttccatcca	240
cgcgtcttcc	gcttaagaac	ggggcttctc	cttcttctcc	ttccacagag	caaggagacc	300
gacaccagag	accttgacga	ccttgaatcg	cacacccgga	atatcaccct	tggccttgcc	360
cttgcgaccg	aaaccagcca	ggaggacctc	gtcgttctcg	tccacgaagt	tcaagcaacc	420
gtcattgggg	acgaaggcag	tgaccttctt	tccgttcttg	atgagctgaa	cacggacaca	480
ctttcggata	gcggagtggg	gctgcttggc	ctcgacaccg	accttctcga	ggacgatgcc	540
cttggcgtgt	gaagaaccac	cgaaggggaga	ggacttataa	gcggtaccga	gggcacgctt	600
cttgtaggcg	agatcggccc	atttctgggtc	ctttcgggtt	gttcgcagct	tacgggcggc	660
gttaagacca	cggggtttgc	ctccagccat	ttttgcgga	ctgtctgtgg	atcgacgacg	720
ggttggtgca	aggttaagct	tgttggaat	cgtcagaaac	tacgtattnt	ccaccgatgt	780
tgcgctccgc	gttgagnttc	cgaaccatga	acttcccq			818

<210> 203

<211> 628

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 203

cgaaaaaacac	tttaaagaaa	ccccagatat	cataactctc	aaacctgtac	ggctctctcc	60
tgtatagcagc	catggagcct	ttcagcggta	gttttgtcca	ggcctgattt	gggacacact	120
cttcaggcca	ccaaacatgt	ctcccctcgc	tgcacatctc	cccacttccc	gctctgctga	180
gcttgctacc	ctaacaccca	agctccctgt	ccacgcgggg	aagaacgtta	acaccaagac	240
cattgaggaa	atgctcggta	actgggatga	cttcaagttc	gctcccctcc	gaaagagtca	300
ggctctcctg	ggcatgaact	gacgtacttc	ccaggacctg	gacagctacg	ctgagtctga	360
cattgtccat	atcggcgctg	gactctggcg	tctgagcgct	gcttacgtct	tgggcaagaa	420
ggtccccgat	ctcaagaatg	ccatccatoga	ggcttccagt	tctcctggcg	ggggtgcttg	480
gctcggcgga	caactcttct	ctgccatgaa	catgcncaa	cccgtctgat	ctttcctccg	540
tgagatcngg	gttccctacg	aaggacaaa	gtaattacgt	ggtggttcaa	cacgtctgct	600
ctttaacctc	tacatcatgn	ccaaggtt				628

<210> 204

<211> 497

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(497)

<223> n = A,T,C or G

<400> 204

caagactttg	acaagagcat	cgagcttgac	ccctccctga	cgcaaaagnta	tatcaggcgc	60
gtatagcatca	gtntggagct	tggngagcct	gaaaaggccg	aggccgagtn	tgcgaaggcc	120
ctcagagcagg	acaagaaaga	ccnccatggt	tactaccacc	gtgcacaggc	ccatttccatc	180
aaggggcgacc	ttgcgcgatgc	tcagaaggac	taccagaagt	ngatcgacct	cgataaggac	240
ttcatctttct	ctccacatnca	actnngcggt	accaggtaca	agatgggctc	nattgcctcg	300
ccaaaggcta	ctttccgacg	atgcatccag	aaatttccnn	aggtcccuga	tgtttacaaac	360
tactacggag	agctactcct	agaccaaagg	aaattctccg	aagccgttna	gaaattcgat	420
accqncatgg	agatggagaa	gcagactaag	cccatgttca	tgaacgtcct	gcccattatna	480
acaaggcctt	tggcttt					497

<210> 205

<211> 564
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

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<400> 205
ggcacaccta ttcagaatga tctgacggaa tactttctctc tcacaagttt tgcgaaccca      60
gatctgcttg ggacacgott ggagttttcga aagcgatatg aaattccgat cttgcgaggt      120
cgagatgcag acgotttcaga agcggatcgc aagaagggtg acgagtgcac tgcagctcta      180
ctcagcgttg tcaacaaatt cctgatccgt cgcacaaacg acattctttc caagtatttg      240
cccgctcaagt atgagcatgt tgtgtttctgc aatctcgcac cgtttcagtt tgatctctac      300
nctacttca tctaaagttc tgaagtcang ctcttttgcg aagtaaggga agcctaacctc      360
ttaaaccatc aatattctca aaaagctttg caatcatccc gacctgttga atatgtcgga      420
tgatctacca aqctcggaga agtgcctacc catgatactt cctaaagaac acttggctgt      480
gatcngaggt caatctggta cctggtaaat ggccgctga acgcatgctg gtcnctcnc      540
canaccaaat aaaaaatgtc tctc
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<210> 206
 <211> 925
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

```
<400> 206
ctctctgtct gactcacaagg gagctctcgt cgcacaaggag ggttctctct tcaactctga      60
gcagatccac aacattgcgg cctcgaagt taagcaccag tccctgactg cttttgagca      120
ccaggacaag ttcaattgga tcgaggggtgc ccgcctcttg gtccatgttg gcaagggtga      180
cattgctctc ccaacgctac tcanaacgag gtcaacaagg aggaaaccca agcctctctg      240
ggagggctgg gctttcctatg ttgcccangg gtncaacatg gtttgactg ctgatgccat      300
tgacgtcttt gaggtcacc gcaaggagaa gggcgcacag gctcttttgt acgcttcaag      360
naaaggcctt caactgtggt ggtgtcgcgg tttctgggtc ttgagatggc ccaaaacagc      420
cagcgtatct agtggctcna gaaggaggtt gatgacggcc ttaaggccat catgaaggat      480
gccttctctg ccggccttga nacgcgccag aagtatgtcg aagccaagga gggcgagctt      540
ccagctctgg tcgcgggtag caacattgct ggcttcatca aggttgctga agccatgcac      600
aaccaggjcg actggtacta ggatggacaa tccgggaaag catgaggcga gagatccgat      660
actaacagga agaccgttat acccgagctg agctcacatc aaggttatct ggctcttcag      720
aaactctaca aagtctctgc ttattttctgc atggaatggc gttctctttt gcactatctg      780
ggcatgcatt ctgtagggcg ttggaggggt tcaagaatgg aacattgtct ttacttttct      840
cttagataga ctggattgga ttttgccaat ttgtttactt ttctatagnc ccggtagtag      900
tcagaataaa agaagatctt tctc
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<210> 207
 <211> 1007
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1007)
 <223> n = A,T,C or G

<400> 207

cgataatcaa	tccgacttta	tttccgatac	aaatatctac	taaagttgat	tgactagaat	60
ttatcacata	ccgctacccat	gtcgggtcta	acggaaaatc	tccctgccaa	gctttcaaaa	120
gattgcctcc	ggcaaagtgc	gcgatctttt	cgagcttcct	gacaagaaca	cgcttctctt	180
cgtggcctct	gatecagatct	cagcctacga	tgtctgtctc	aagaacgcaa	ttcccgcaca	240
aggaaagatc	ttgaccctcc	tttcggcaca	ctggttccag	gtcttgacng	agcgcattcc	300
tgacctgcgc	acccatttca	ttagcctcga	tgtccctgag	ggtgttagtg	ctgaggaggc	360
tcagatcntc	aagaacagat	ccatggctgt	caagaagctt	tctgtcatca	agattgaatc	420
catcgtgcga	ngctatctga	ctggctccgc	ttacaaggag	tacnagaaga	acgggtactgt	480
tcatgggtatc	accgtcgaaa	ctgggtatgga	agaagctcaa	aaattcaagc	agccccctggt	540
ggacacctag	caccaaggcc	gatgcnggag	gagcatgacc	agaacatcca	ccccgacgac	600
gcttggaagg	aggctcggcga	ccgcgagact	gcggaccgcg	tcaaggagtt	gtccttgaag	660
atctacgacg	aggcctccaa	gtacgctgaa	nagcacggca	tccttctggc	tgacaccaag	720
tttgagtttg	ccaaggatca	agagggcaac	atctacctcg	tcgatgaagt	actaacacct	780
gactcttntc	nattctggcc	agcagccggc	tacatgcctg	gccgtgacca	ggacagcttc	840
gacaagcagt	tcatecgaaa	ctggctcacc	aaggaaggac	tcaagggcaa	ggaggggtgtc	900
nagctttccc	aggatattgc	ccagctcacc	aaaaccgctc	cgagagggctt	ttttttgtga	960
ccggtaanaa	attcggangac	nccggttagcc	aatnggcggg	agggatt		1007

<210> 208

<211> 724

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 208

gtcaagatgc	gtgagattgt	ccacgttcag	gtcggccaat	gtggcaacca	agtcgggttcc	60
agcttctggg	ctacccgtctc	caaggagcac	ggcattgatg	gcagcggcgc	ataccacggt	120
accaatgacc	agcagcgtga	gcgtatcaac	gtctactttg	ctgaggggtg	caacgcacaag	180
tacgtccccc	gtgctgtttct	ggtcgatctt	gagtcgggac	cccaggatgc	catccgcgcc	240
ggctcctctg	gccagctttt	ccgccccgac	aactacgtcg	ccggtgaggc	cagtgcgccg	300
aaacaactgg	gccaagggtc	attacaccga	gggtgcgcag	ctcgttgagg	aggccatcga	360
cgttgctcgt	cgcgaggctg	agaactgtga	ccaccttcag	ggcttcagct	gacgcactct	420
tttgggtggg	ggtaccocgg	tcgggtattg	gtaccctttt	ttntgtccaa	gatccgtgan	480
ggagttccct	gatcgcatga	tgggcacctt	tttcogtcat	gccctcgccc	aaggtttccg	540
atacccggtg	togaacctta	caacgccact	ttgtttctta	accaagttcg	tcgagaaaact	600
ttgacgagac	ttttttgttt	cgaacaacga	nggtttgttc	atatctacga	aggaccctaa	660
gnccgcgacc	ttntacgcga	tctaaatact	gattcanagt	atggccgggt	nacanttttc	720
catt						724

<210> 209

<211> 736

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 209

tccaatttcca	tcttcgggcaa	ccggccaagat	gggttttcatt	gaggacgagc	tgaagcagct	60
caaggatgtc	atcagcaccga	tgcacacgcg	catttaanaag	ctcgaggcgc	gagccacccg	120
cggcctctgc	tctaccgagg	agatccgaat	gattctcctc	ggcccccttg	gtgctggaaa	180
gggtactcag	gcccccaaga	tcaaggagcg	cttctcctgc	tgcacactgg	ctaactgggtga	240
catgctgcga	tctcaagtg	ctaagaagac	ccctctcggt	gtcgaggcca	agaagatcat	300
ggatgcgggc	ggctctggtaa	gcgacgagat	tatgatgggt	atgattaaaag	aggagctcaa	360

caacaataag	gagtgccagg	gcggtttcat	tctcgacggt	ttcccccgaa	ctgtccccc	420
ggctgagggt	ctcgatgcta	tgtctgcaga	gcgcaagcag	aagctccagc	acgctgtcga	480
gctccagatc	gacgactctc	tgtctggttg	cgtattact	ggccgattan	tccatcccgc	540
ttccggcgct	cataccacac	cacctttaac	cctnccaagg	agtncatgaa	ggatgacatt	600
actggggagc	ctcttntcca	gcgaagggac	aacaatgccg	atgctctaaa	gaaccccttg	660
tatctacca	caagaacaaa	gcttgtgggg	gctataccaa	aaantggtn	tggagggctt	720
acccgccaaa	accgga					736

<210> 210

<211> 629

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(629)

<223> n = A,T,C or G

<400> 210

gccgaccaag	aagaagcctg	acatggctcc	cgagagcgag	cgcttcctac	gatggttgcgc	50
cgacgtcgcg	aatgcccctca	ttgaggacca	cgaagcctca	aaggctggcc	gcacaaactcg	120
cgacatcaac	ctcaactcgc	tacgaaacaa	gctcgccaag	aagcacaagc	tcatgaacat	180
tccacctttg	accgccatca	tcgcctccat	ccccgagcac	tacaagaagt	acatcctacc	240
aaagctttatt	gccaagccca	ttaggacgtc	ctcgggtatt	gctgtcgttg	cgtcatgtg	300
caagccccc	cgatgccttc	atatacctta	taccggaac	atctgcgtct	attgcccctgg	360
aggaccgcag	tcggatttcg	agtacagtac	acagtcatac	accggctacg	aacctacgtc	420
gatgcgagcc	atccgcgcgc	gatacgatcc	attcgagcag	gctcgaggac	gtgttgatca	480
actcaagtc	tcgggcattc	cgcgacaagg	gcgagtacat	natcatggga	ngaactttta	540
tgtttttttt	gagtcatacc	gagangaatt	nattggccag	cttcacaacg	ctnttcaggg	600
ggtattaaac	tacaatgggc	gacgagncg				629

<210> 211

<211> 868

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 211

gagtttttat	ctctcatgpc	gnggggaagt	tgtagtthag	ttgggtcttg	tagatgccca	50
attatttggc	acttccagat	acatcctatc	ctcttataca	agatttttct	ctctcttttc	120
ttcatcttct	aacgatattg	tttttattta	tatacacaat	ggctaccaac	attacctggc	180
acctttctct	atcgcgcaag	gagcgcaacg	agaccccgcg	tcagcgcggt	ctcaccatct	240
ggctgacggg	tctctctgpc	tctggcaagt	ccaccgtcgc	cactgctctc	gagcagcacc	300
ttcttcaact	ggcgctcgcc	gcctaccgtc	tcgatggcga	caacgtccgc	ttgggcctca	360
acaaggatct	tggctttctc	gaggccgacc	gaaacgaaaa	catctgtcgc	atctccgagg	420
ttgttaagct	gtttgcgcgt	tcttccacca	tcggccatcac	ctcttctcat	tttctctacg	480
acagatcgca	aggtcgctcg	tgagctacac	gagcaggcta	ctcaagggtg	tgacgagcct	540
atctctttcg	tcgaggtctc	cgtcgatgtg	ctctctcgagg	ttgctgagca	gcggcagccc	600
aagggtctct	acaagaaggc	tcgtgtgtgt	gaaatcaagg	atttcaactg	catctctggt	660
ctttatgagg	agcctgagaa	ggctgagatt	accatcanga	ctcatgaaaa	ctctgtcgag	720
gagtggtgag	ctcagatcgt	cgagtggttc	aacgagaagg	gttacctcaa	caagaaataa	780
atctgcaaat	gatgattgtg	ctntggtctc	caacaaagata	gatagggtat	taatgtcatg	840
tngartacgg	acgtngtcac	atgcaggc				868

<210> 212

<211> 715

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 212

agcatccatc	aacttttcaat	cccctcagcg	aagaagcacc	ctaataccctt	ggtcagggcc	60
ccttattttta	cgacactccc	aaagctatgg	ctaccattcg	taccgatctt	ccaggcccca	120
tgggggataa	gaagctggag	aagaagccca	tcaagttctc	caacttgctt	ctgggcgctg	180
gtctcaacct	tttcgaggtt	accacactcg	gtcagccttt	ggaagtagtc	aagaccacta	240
tggcagcgaa	cagagggcga	agcatggcta	cggtcttggg	acgcgtatgg	gcccgtgggtg	300
gtcctctggg	cttcttccaa	ggcctcatcc	cctgggcttg	gattgaagcc	tccactaagg	360
ctactatcct	cctattctgc	gcttcggagg	cagaatacra	cgccggtgcc	gcccgttgctt	420
ccgagtttgg	tggttggtatc	cttgggggtg	tcaatggggg	tgtagcccaan	gcttatgcda	480
ctatgggttt	ctgcacctgc	atgaagacag	tccagatcac	taagcacaag	ctcgtgcctt	540
ccgggtgtcaa	gcctcagaac	accttcacaga	ccttcgcaga	aatctaccgc	aaggaaggta	600
ttcgttggtat	caacaagggt	gtcaacgcgc	tccgtatccg	ccagatgaac	aactggggta	660
gcggtttcgg	tctcagccgt	cttgcgcgaag	gttggattaa	gtccttaccg	gttaa	715

<210> 213

<211> 714

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 213

ccttatccct	atacaatcaa	gttgcacactc	tccaggttgc	accattcttt	gatcattctt	60
tggttcgcga	aggccaggat	cgtctcctca	acgtaacaac	agcatcgttt	tctccgacga	120
ccttatctct	ttagctttga	cagctgtcac	atacacgcgc	cctgcaagag	acaccgaaaa	180
agaccacaca	accgcaaaaa	tggcgcaggc	tggtggctca	tacaacaacc	ccttgaagaa	240
gttcaagctg	gtgtttctag	gagagcagag	tggtggcaag	acctctttga	tcacacgatt	300
catgtacgac	tctttcgaca	acatgtacca	agcgaacgatt	ggcattgatt	tccctctcaa	360
gaccatgtat	ctccaggaac	gaacagtgcg	attgcagcta	tgggataaccg	ctggacaaga	420
acgattccga	agtctgatcc	catcctatat	ccttgattca	agcgtggccg	ttgtttgtct	480
tgatatctct	aacgcacaag	cgttccaaaa	caccaagaaa	tggattgatg	atgtncganc	540
cgaacgaggt	aacgatgtta	ttatttgttt	nqgttgggcn	acaaacacgg	tttgaacgac	600
aaagcgagaag	tcttttcccc	agcaggggga	ggaagaagcc	cagaagaacc	acctgatggt	660
tgtagagaca	agcgraaaag	tgggtcacaa	cnttgaagaa	cctattcaag	aaaa	714

<210> 214

<211> 697

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(697)

<223> n = A,T,C or G

<400> 214

cgcacaacgt	cctaacagtc	caataccgcc	aaaatgggtc	gggttcgtac	caagaccgtc	60
aagaagtcgc	ccaaggctat	cattgagcgt	tactatctta	agctcaccct	ggacttcgag	120
accaacaagc	gtatctgtga	tgagatcgct	atcctcgctt	ccaagcgtct	ccgcaacaag	180

attgccgggtt	acaccaccca	cttgatgaag	cgaattcagc	gtggccccgt	ccgtgggtatc	240
tccttcaagc	ttcaggagga	ggagcgtgag	cgcagggatc	aagtacgttc	ctgaggtctc	300
cgctctggac	ttcaccacaga	actccgagag	cggccagctc	gacgtcgaca	ccgagaccaa	360
ggacctcctc	aagcaccttg	gcttcgagtc	cattcccgtc	aacgtcatcc	ccgtcactca	420
gcagcagatt	cccagcgtg	gacagcgata	cggaaaccgg	ccccgccgcg	actaaaaatt	480
tggtttatgg	gattattatg	ggtgtcaggc	atttgacagg	tttcactact	tggcgtcttt	540
aggacagtga	gtgcataggt	ctcaaagaaa	gactttacga	cccccccaaa	aagggtcgcc	600
anttttngag	gantcaactgt	gacctgacn	caatttttcc	ttttnnngaa	tgaacttgcn	660
aaggcagttc	cnaanaggga	ttgactg				687

<210> 215

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1) ... (589)

<223> n = A,T,C or G

<400> 215

cttaattctg	tacctgtacc	aaaaccagca	gtttgcagcc	atcgagacct	atgttcagca	60
ggtaaacccc	ggcagagctc	ccgaggttgt	tggcggttct	ttggatgttg	actgcgacga	120
gaacgtcatc	aagcagcttc	tgagctcggg	caacccccag	agtatcaaca	ttgactcact	180
agtatcggaa	gtcgagtctc	gcaacggcct	caagcttctt	ttgcctttcc	ttgaggccac	240
tctccaggct	ggcaaccagc	agcaagctgt	ttacaacgct	cttgccaaga	tttacattga	300
ctccaacaac	aacctgaga	agttccttaa	gggagaacga	ccagtacgac	acccttactg	360
ttggaaagta	ctgtgaaaag	cgtgaaccca	acttggctta	tatcgcttac	totaagggtc	420
agaatgatct	ggagcttggt	aacatcacca	atgagaaact	catgttacag	ggctcaggct	480
cgatacctct	tggagcgatc	cgatgpcgan	ctttgggggt	tcgtctctgan	cgaaaacaac	540
atcatcgtcg	ttctgttggt	gaacaggcca	cgcctacagc	tgtcttgaa		589

<210> 216

<211> 513

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (513)

<223> n = A,T,C or G

<400> 216

cagacagact	gcccagttct	cattcgttga	cgaactcaag	gcccagattg	ccccaaaaggc	60
agctgagaac	acaagaatga	agacgttgat	tgaagatctt	caacagcggg	tcaagggttg	120
cgcacacgag	cccatgggta	acggcaagac	gatccagcag	cagattgcgg	agtttgacgt	180
catgaagaag	agtctcatgc	gcgaccttca	gaaccgatgc	gagcgtgtgg	tagagctcga	240
gatctctctg	gatgagacac	gagagcagta	taacaacggt	ctccgatcgt	caaacaacag	300
ggcgacacga	agaagatggc	gttcctcgag	aggaacctgg	agcagctgac	ccaagttcaa	360
ggcagagctn	tcagacagaa	ctcancgctc	aaqaaagagn	tgttttcgtc	gnagcaagct	420
catttncbga	atgagcgtat	ccagacctgg	aagcctgtct	aggatagcng	ganaagatgg	480
ttgttngaa	cacaagtttg	aggtnaacta	ctt			513

<210> 217

<211> 775

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(775)
 <223> n = A,T,C or G

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<400> 217
cagaagctcc tggacgagcc cgtcttcgct ttctaccttg acggtcagga gggccagagc      60
gaggctactt tcgggtggtg tgacaagtcc aagtacactg gcgacctcga gtacattcct      120
ctccgccgca aggccttactg ggaggtcgac cttgatgcc a ttgctttcgg cgacgaggtt      180
gccgagcagg agaacactgg tgccatcctc gacaccggta catctctgaa cgtcctcccc      240
agcgctctcg ctgagctcct gaacaaggag attggtgcc a agaagggcta caacggccag      300
tacaccattg agttgcgaac aaggtctctt ctctgcccg a catcactttc acccttgctg      360
gttccaacta cagccttccc tccaccgact acatcctcga ggtccaaggc agctgtatct      420
ctaccttcca ggtatggact tccctgagcc cgtgggtcct cttgttatcc tcgggtgatgc      480
ttcctccga cgatactact ctgtctacga cctcggcaag aacgctgtcg gtctggctcg      540
cgccaagtag aaatgaacat ttatgtatga attattcaat agcgcatggg aatacncagc      600
atggacacgg ggttggaaca tggcatggga ctactagttt gaactgtacg acagaattga      660
gtatgctgta ttgaggaaat tgccttcagc aattgctgct ctataaatatg aacttttatgg      720
aatttttgga aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaattcc tggggg      775
  
```

<210> 218
 <211> 733
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

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<400> 218
catcaccacc tnaggccctt tcttcccttt acccctnaaa gcgctgcgcg cgtagttatt      60
tcttcccca tacttntttc ccncaaactt caaactctcg tcttagcttt ttaagcttca      120
tttatacaag atgaaggggc agattcttca cctccacctg ggccaggctg gtacacagct      180
cggtaactct gcttgggagc tctaccttct ggagcacggt ctccggccccg acggtcgacc      240
tgacccaat gctcccgata ttggtgaccc cggttctttc gagaccttct ttaccgagac      300
aaacagcgg aagtatgttc ctcgatctct gttcgtcgat ctcgacccct cgcctatcga      360
tgagatccga acaggcgaat accgcaacct ttccacccc gagctgttgg tcaagtggaa      420
aggaggatgc cgccaacaac tacgcccgtg gcactacacc attggcaagg agaaggctga      480
cgaggtcagt gaccgcattc gtcgtgtcgc cgacaactgc agtcttctca gggtttncgt      540
atctttcact ctttcggggg gggtaaccgg tcttgggttt gggctcttct cctcgagcgt      600
tttccacttg attatggnaa gaagtcaact tgagttgggt gttaccctgt cccganatga      660
attgcggtgt gagcctanaa gttgctntta ctaaagactt ttggaactcn ctgncttctt      720
ttgttacaag gng      733
  
```

<210> 219
 <211> 1124
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1124)
 <223> n = A,T,C or G

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<400> 219
gtgagagcgc tacatccagg ataacagtat ccaactgctgt ctctttcttca tccagccatc      60
aggccactct ctcaagccca togatattgt tgtcctgaag aagctttcgg acgttgtcaa      120
cgtggtgcct gtcattgcc aaggccgacac cctgactggt gaggaacgcc aggagttcaa      180
ggagcgcata aaggaggagt ttgccttcca caactctcaag atgtacccct acgacaacga      240
cgagtttgac gacgaggagc gtgctttgaa cggccagatc aagaaccttg ttcccttcgc      300
cgttggttga tccgagaagt cgatcatcgt caaaggtaag caggtcgcgg gtcgccagaa      360
  
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cagatgggggt	gtcatcaacg	tcgaggacga	gactcaactgt	gaattcgtct	acctacgaga	420
cttctctctc	cgaaccacc	ttcaagacct	tatcgagacc	acctctcaga	tccactacga	480
gaccttccgt	gccaagcaac	tgettggcct	caaggaaagc	agtgtctacg	gtgggtgctag	540
cagcccgacc	catcagccct	gccgccgacc	gcgagctcag	ccgaaactcg	caacgaatga	600
cgatgaacgg	ctactaagct	gaattttgtg	ttgaagttgt	gctggcaatg	gagcgacngc	660
gtctcggggc	agctcgatag	cccgcatttg	ttacgacact	ccacatattt	cacggcctga	720
tgtacagcaa	cccaaaagca	attgcttgcc	acggaagggt	ctcgtagtgg	actctgacca	780
cagtgaaccc	ctgaaggcct	tacatcgttt	cgatgacatc	ggcatgcgag	caaggacgag	840
agcagcatto	ttgggggtatg	aaccagatga	gagatgggga	ctgggtccgt	gagatccaga	900
tacccgtttc	ctgggttacgt	accttgggga	ctgtctgctg	gtcagtcctg	atcgaagctg	960
tacacgactt	tcttcttttt	ctttcagtgt	tacccccgga	gaactatttg	gccttttttt	1020
atgctttaat	aagaccgatt	accccatact	ctaattctgga	gttagtttcg	ttgcctacat	1080
agtgtatcaa	attcgattgg	agtttctctg	cgtaaaaaaa	aaaa		1124

<210> 220

<211> 492

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(492)

<223> n = A,T,C or G

<400> 220

gttaaggctg	ctattgatgc	ctttggccgc	gtcgacattg	tggtcaacaa	tgctgggtatc	60
cttcgcgaca	aggcattctc	caacatgaac	gacgagctct	gggacctgt	cctgaatgtc	120
cacctncgag	gtacctacaa	ggtcaccaag	gctgtctggc	cttacttctt	taagcagaag	180
tatggccgcg	ttctgaacac	tacctcaacc	agtgggtattt	aaggcaactt	tggccaggcc	240
aactacgctg	ctgctaaaatg	tggtatctct	ggattctctc	gggcctctgc	tctcgagggc	300
cacaagtttg	catctatgtc	aacactatcg	cttccaaagc	tggtactgga	atgacggcac	360
catcatgcct	gaaaagatgg	tcaggctctt	caaagcccca	tacatagccc	ctcttgccct	420
gctctttgta	gtgncaagtg	gcctaaacct	tnggcggtttg	tccangtttg	nagcngtttg	480
gcgctnagct	ca					492

<210> 221

<211> 561

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(561)

<223> n = A,T,C or G

<400> 221

catctacgct	gtaattoagg	atgatgctgt	ggcctttttg	ggcttccaga	agttcatgga	60
ggcgaatgaa	cgcaacttcc	tacgtgatca	atctggtatg	cgcaaccagc	tcttgacgct	120
tgatcaactc	gtccagttca	tggatcctgt	actctggaac	caccttcaaa	aggccgacag	180
cacctcaactc	ttcttctctt	tcaggaatgat	tttggtttgg	tacaaa ggg	agtttgacatg	240
gctagatata	ctcgagattat	gggaagggtt	gtggacagac	tacatgagtg	ccaacttcac	300
ctcttctcat	gctttggcaa	ttctaganaag	acatcgogat	gtcatcatgg	agcaacttgca	360
gcaatttgac	gaagtgttca	agtntatttaa	cgagctgtcc	accacaatcg	atctcgaagc	420
aactctcact	agggcagaaa	gtctcttccaa	gaaattccaa	aggctcgtcg	atgcagtcga	480
caagaandaa	aacttccctg	ctccccatlt	caatcctaah	aatctttctqg	atctccnqaa	540
tcacagggtc	agggccccca	a				561

<210> 222

<211> 570

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 222

cattgagctt	gctgagaagc	acaacgcctt	cattggcggc	gacgacttca	agtctggcca	60
gactaagatg	aagtctgccc	ttgttgactt	cctcatcaac	gccggtatca	agttgacttc	120
aattgctagc	tacaaccatc	ttggcaacaa	cgacggcaag	aacctgagtt	cccagaagca	180
gttccgctcc	aaggagatct	ccaagtctaa	cgtcgttgat	gacatggtcg	aggccaacca	240
cgctcctttac	aagaagggcg	agcaccocga	tcactgcgtt	gtgatcaagt	acatgcctgc	300
cgctcgagac	aacaagcgtg	cccttgatga	gtactacgcc	gagattttca	tgggtggcca	360
ccagaccatt	tcgtctctca	acatctgtga	agactctctc	ctcgcttctc	ccctgatcat	420
cgacttgggc	attantgcgc	aaatgatgct	tcgtatccag	tggaaaggcg	tgtcttccga	480
cgqcaactgc	actacccaat	acaaaagttt	ccacagtgtc	ctgagtgtcc	ctagctaat	540
gctcaanggc	ccctgacccc	cctggcactc				570

<210> 223

<211> 692

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 223

cttttcccggt	aagctccctc	cccaattcta	ccatctccag	tcattctcacc	acattttctct	60
ttataccact	tcgtccctca	actctttctat	ctctctgaac	tcctgcgcgc	tctccatcaa	120
egtctctctct	tttcccccctt	cccatacaca	caccgtaatc	cacagccatg	gaggaagaag	180
ttgtctgtct	cgtcactgac	aatgggttcg	gtatgtgcaa	ggccggtttc	gccggtgatg	240
atgctccccc	agctgttttc	ccttccattg	tcggctgcgcc	ccgtcaccat	ggtatcatga	300
tcgggtatggg	tcagaaggac	tcgtacgttg	gtgatgaggc	tcagtccaag	cgtgggtattc	360
tcacactgcg	ataccccatc	gagcacggtg	ttgttaccaa	ctgggacgac	atgganaaga	420
tttggcacca	caactttctac	aacgagctgc	gtgttgcccc	cgaagaacac	ccngtccctgc	480
taccgaggct	ctatcaaccc	caantccaac	cgtganaaga	agaccagat	tgttttcaag	540
acctttaacc	cccccgtttt	ctacgtnttt	atcaagcccc	ttctgtccct	tgtacccttt	600
ccggtccnta	ccaccccggt	tcgttttgact	tgggaagngc	actacntngt	ccattanaag	660
gcttcccttn	cccccccttg	nggtaanggg	tg			692

<210> 224

<211> 548

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 224

ctctctctgat	agactctctca	atgatctctg	catcgctaatg	cgcgccctacc	tngagaagcc	60
ccgaacaacc	gttggcttga	aggtctctat	caacgatccc	gatctcgaca	actntttcaa	120
gatcaacaag	ggtctccgtg	tttcccgcga	gcttttttgtt	gacctaacca	ctcagggtct	180
cccaattgbc	actgagatgc	tcgacaccat	ttccctctcag	ttccttgcgc	actgtatctc	240
tgttggcgcc	attgggtgcc	gtaccaccga	gtcccagctt	cacgngagc	ttgcctctgg	300
tctttctttc	cccgctcggt	tcaanaacgg	tacagacggt	agccttggtg	ttgccattga	360

cgtattggc	gctgctgccg	tcaacaccac	tttatgggtg	tcaccaagca	gggtcttgc	420
gttttacc	aaccaagggt	aacgagcact	gnttcgtcat	tctccgnggg	ggaaccaagg	480
gtaccaactt	tgacaangag	agcgtccagg	ctggtaaana	aggtccttca	ngaaaaanaa	540
acaaaagg						548

<210> 225
 <211> 889
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(889)
 <223> n = A,T,C or G

cgacgcgcga	cgacgcgcga	gggtccaaagtc	tcaaaccttca	caatggcttc	cagaactacc	60
gtcactat	tgggcaaaga	tggtgctccc	actggagcta	cccacgccat	tctgtctgtc	120
ttcaccagcc	cgatccgacc	ggacattgtc	cagcagggtc	acaccggcat	ggccaagaac	180
aagcgtcagc	cctactccgt	gagcgagaag	gctgggtcacc	agacctctgc	tgagtcttgg	240
ggtaccggtc	gtgctgttgc	togtattcct	aggggtttctg	gtggcgggtac	tcaccgcgct	300
ggtcaagctg	cttcggtaac	atgtgtcgtt	ccggtcgtat	gttcgccctt	acaaaaat	360
ggagaaagtg	gcacgtccga	gtctcgggtc	gacaaaagcg	atacgccgtt	tgctctgcct	420
cgtcgccttc	cgcggccggt	cctctgttca	ggcccggtga	caccagggtca	actccgtccc	480
cgagggttcc	tctggccatc	gaactccgct	ggtttcgagg	ctgctgncat	tgccaaganc	540
tccgctgnth	tgggtcttct	gaaggctgtt	gggtgcggtg	aagactcaac	aaggtnaaga	600
actccaagaa	cttcgtgctg	gtaagggcga	cttcgtggcc	gcggccaccg	ccagcgacgt	660
ggccctttttg	tcactctactc	cccgagaactg	atgggaagga	cttattaccg	ctttccgcaa	720
caatcactgg	tgccganact	ggcccggtcc	cgggtcttaac	ttcttccaat	tggtttctggt	780
ggtgacottg	ggtcaattat	gtttggacct	ccggtgggtt	caagggtttg	anacatctac	840
ggttcnccac	tgaagggttcn	cccacaaagt	naattccccc	tccttcaac		899

<210> 226
 <211> 643
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

cctctaccta	aattccccga	aataaaaaacc	aaaaaccgtc	aaaatgggtca	aggctgtgag	60
cgttctccgc	ggtgactcca	aggtctccgg	taccgtcgtc	ttcgaacagg	agtctgagtc	120
tgtccccact	accatcaact	gggacatcac	cggtaacgac	cccaacgcca	agcgaggatt	180
ccacatccac	accttcgggtg	acaacaccaa	cggctgcact	tcgntggcc	ctcacttcaa	240
ccctcacaa	aagaccacag	gngetncttt	tgacgagacc	cgnatgttg	gtgatctcgg	300
aaacgtccag	actgacgctc	agggcaatgg	caagggtctc	gtcactgact	ttcttatcaa	360
ggtgattggc	ccccacagcg	tcattggggcg	aaccgttctt	gtccacgtctg	gtactgacga	420
ctttggcaag	ggtgacagcg	aggagtctct	caagactggg	aacgtcggtc	cccgacctgc	480
ctgnggtgtt	attgggtatct	ccaactaagc	agtgcggaac	tgaattgaat	gaaaaaaaaa	540
gttattactc	agttgttttt	tgtttagcaa	aatttcagcc	atgaacaatg	atgtgtctca	600
tgatattoga	tagcaacaat	caatccaatt	naagtgante	nat		643

<210> 227
 <211> 549
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = A,T,C or G

<400> 227
 gagcaacttn aggcagccaa gcgtgcatct ctgttctntc gtgttgagcc cagccataag 60
 tcccgactgg ttgatctnct tcagtctctt ggcagaagtt gttgccatga ctgggtgatgg 120
 tgtcaacgac gctcctgccc tgaagaaggc tgatatcggt gttgccatgg gttctggaac 180
 cgatgtctcc aagctggctg ncgacatggt ccttgctgac agcaactttg ccactatcga 240
 gggtgccatt gaggaagggc gctccattta caacaacacc caacaattca tccgttatnt 300
 catctttttc aataattggg cgaaagttgg ttccatcttt ctacaggcg ntcttggnat 360
 gcccgaggct ctgggttctg ntcagcttct ctgggtaaac ctagtccact atgggncttc 420
 ctggcaccgn tttgntcttt aaaccttttg aacacgacat natgaaagcg ttgcccccg 480
 gaaggcgaga tgangngctc atttggnccg ggtgggnttt ttttttcngt attttggtaa 540
 tttgggaaac 549

<210> 228
 <211> 610
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 228
 attattguta aatatctctg agatattata tgagaccttc actcatctca aagctccagag 60
 ccactccaat cgttgccaaa atgcctgttc accatctcat ggtcggcacc tggacccctc 120
 caggagccat ctccactttt gcttttgatg acgaggctct tactctcaag cttgtcaaga 180
 ggaactgagat tccccaaagt gagcctatct catggatgac tttcagtcac gatagaaaag 240
 ccatatatgg cgttgccatg aagaagtggc ccagtttctg agttgagtcg ccaacctcaa 300
 taactcacca agtttctcac ccaatggagc acgaccccaa tgcttctctt gcgacaaoca 360
 ataaccgcgc catcttcttc ctggccttgca acaagcctcc ttactcagtc tactgcaatc 420
 cattctacga ccacgcgggc cacggngctg ctttcaccac cgacaacacc acaaaagctn 480
 ttaaggagaa cgttcaaaaac taccctacc agcctaaccac tgggatncat gggatgggct 540
 ttgacccoga ggangagtat tttactntgg cganctttgc gccaaaaagn tttggaccat 600
 tggccgnggg 610

<210> 229
 <211> 525
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 229
 ggaatgtcgg tggctcggat atgcanaagc aggagatccg tgaagctggt gaattgccc 60
 tgaagcactt ccatctttat aagcagatcg gtatcgaccc tccctggggg gttctttttg 120
 acggctctcc tggatccggc aagactatgc tggtaaggcc cgtcgccnac tcaaccaccg 180
 caacttctat ccgagttggt ggttctgnaa tggtaanaaa ataactgggt aaaggccccc 240
 gaatggctcc agactgtctt cgtatggctc gggaaacccc accggccatc atcttccatg 300
 acnagattga cggcatcgcc accaagcgat tggatgctca aacgggtggc gataganaag 360
 ttcanogtat tttgcttgac tgtcaatcaa atggatgggt tcaaccagac gtaatgtcaa 420
 ggtattatgg caccacaccg gccgataact tggatcctgc cttctccccc cggacgtttt 480
 gacggaaaaa caatttcttn gctgganacc gtgtgagcga cgtttt 525

<210> 230
 <211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 230
 ttggcacatc gcttcgcata tatgacttgg gtatgaggca aatgctccgc aagtctcagg 60
 ccgaagttgc aacacagcag atttgtgtctc tcaacacaca aggcagtcga atcattgtag 120
 gcgatgtttca gcagggcgtc acttaacgttg tttataagcc tgctttctaata aagcttattc 180
 cattttgtcga tgatcacatc gcaagggtggc cccatgtac aaccttggtg gatttatgaat 240
 cagtcgctgg tggtgacaag ttcggtaata tgtttatcgt acgttgctcc gagaaggcca 300
 gtgaagagggc tgatgaggag caatccggct tgcattctgat caatgcccca gactatctcc 360
 acggcacacc tcacagagtg agcttaatgt gtcattttcta caccacaggac attccgacta 420
 gtatcactaa gacgagtctt gtgggttggg gacaggaaat tttgctatgg agtggtatca 480
 tgggcacaaat cggagttttt attccatttg tcagtcgtga agatgcagac ttttttcaga 540
 acctcgagca acaccttang acagaagatc cccactccgc cggacgaaga tatctcatgt 600
 atcgtggcta ttaagccctt 620

<210> 231
 <211> 595
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 231
 nccaaaaanc nattatcgcc cnccttgccc ccatnttttg tttcgaggac aacctcttgc 60
 tgaagctggc tgggtgtaact aacctttttca cttccaacaa catgcaagag aagttctacc 120
 cggttcattc cattgatgtc ggtgctgctc tngagaagat cttcttcgac gacaccactg 180
 gtggacagac cttcgagctt tacggaccca agaagtacag cntggaggaa atttctgtta 240
 tgggttgacaa gganattttac aagcagagac gacacgttaa cgtgccaaag gctattctga 300
 agcctgttgc tgagctgctg aacaagggtgc tttgggtggca cactctgtca gctgatgagg 360
 tnganagaga gttcttggaac caagtcctcg accccaaggc caagaccttn aaggacctcg 420
 gcatcgagcc tggagacatc atcaacttcc ctaccactat ctgnaaggat tncgaaccag 480
 aactactacg atcttccctt gcgacaaaaa anganaacgg gaaaaaaaaa aatnccctcc 540
 ctncgtgaacn attgnaaana aaangaatcg gntttttgcn gctatngatg cngga 595

<210> 232
 <211> 661
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 232
 attcgtgtgt gcttctcact ttccaattct ctcacaaatt taaaacgcaa caatggatcc 60
 atgcatggag ctcaagcaga acacgacaat tgtcgtgctc ggtgcttctg gtgatctggc 120
 gaaaaaanaa aggtatcctg cactttttcg tttttaccga aaccagttcc tccccaagga 180

tgtcaagatt	gtaggatatg	cccgactactaa	gatggaccac	gacgaatata	ttcgacgcat	240
caagtcatac	ataaagaccc	ctacaaagga	gattgagcaa	caacttgaag	acttcgctgg	300
gctttgcacc	tacgtctctg	gtcagtacga	caaggacgaa	tccttccagg	gtctcgagca	360
gcacctccaa	gaagttgagc	aggatcgccc	cgaaaaccac	cgtctgttct	acatggcgct	420
ccccccagc	gtcttcacca	ttgtttctca	gcacctcaag	aagatctggt	acccaaaaac	480
ggcatcgcg	gtgttctctn	tcnaaaacnn	ttcgcaagat	cttgccagct	cccgcgaaact	540
tcaaaattcc	cttgaccctg	actggaacaa	acaggaactg	ttccaatcca	cattacttgt	600
naganaaagg	tcaaaacacc	ngatcctcca	attggtaccc	ttccccgcgc	cccttgaaac	660
g						661

<210> 233
 <211> 845
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(845)
 <223> n = A,T,C or G

<400> 233						60
cccgtaacctc	gacctactgc	tatcgattgc	ttaataacctc	taaccaacctc	ttctttttttt	120
gggtctgtcc	ctgaaaaacc	tcaccaacca	aacacgttcc	tattcaactt	caacaagagc	180
ttaccocgoc	aaatccgaac	cccgccaaat	cagacatacc	tcaccaaaat	ggtcggtctt	240
ggctctcgtc	gccctccctc	ccgaaaaggga	tctatggccg	atgtcccccac	ggacctcgcc	300
gaagagatta	acaagcttga	gaatctcttc	acggtagagc	ccagcaagct	taaggagatc	360
accaatcact	ttgtttctga	actcgccaag	ggctctcagc	ttgagggcgg	tagtatccct	420
atgaacctta	cctgggttat	gtcatacccc	gatgggtatg	aaacccggcac	ctacctggcc	480
ctcgatatgg	gcggcaccaa	cctgagagtg	tgccaaatca	cactcactga	cgagaagtct	540
gagttcgaca	tcattccagc	caagtaccgc	atgcccgang	agctcaagtc	cggcacctct	600
gaagagctgt	gggaatacat	cgccgaatgt	ctctaccagt	tcctcgagac	acaccacgga	660
gactgcagca	aattgganaa	aatccttntt	gggttcacaa	ttcttgtacc	ccgncnccca	720
aaactacatt	cgacgaagg	gtattcttca	acgaanggac	caangggctt	tgacatttga	780
cggggctgan	ggcaaaacat	tgtncccatg	ttcnaggagg	ccttgaangn	tttagggggt	840
cttttnaact	tggggggttt	atnaatgata	ttccccggcc	attgatggct	tcnctaccc	845
caaan						

<210> 234
 <211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 234						60
atgggggac	caaaccacga	gcctctgcca	acttcaacga	caactacagc	caaatgcoct	120
cccaagctcg	acccaatga	gattaaaggt	atccacctcc	ggcccaactg	tggtgaggtt	180
gggtgcctct	ctgctcttgc	tcaccaagatc	ggctctctgg	gtctttctcc	caagaaggctc	240
ggagaagaca	ttgccaaggc	tactgggtgac	tggaaaaggct	tgcccgtaac	tgtaagctc	300
accatccana	accgttaggc	tggtgtttcc	gtcggtccca	ctgcttcttc	cctcatcctc	360
aaggccctca	aggaaccccc	cagggaccga	aagaaggaga	agaacatcaa	gcacaacaag	420
ctgtgcgcgc	tcgaagagat	cattgagatc	ggccgcacca	tggatgacaa	gtctttcgcc	480
aaggacctct	ctggtaacct	cagggagatt	ctcggtaccc	actacagtgt	tgggtgcacg	540
gtcgatggca	agcctcccca	ggctatcctc	gaagctatcc	aaagcggcga	tatcgacatc	600
cccgangagt	aaattcggtc	tcttacgaaa	cccaatnccn	caaaacaaga	acaatagatc	660
cattgtctga	tgggt					615

<210> 235
 <211> 618
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

```
<400> 235
aaactgtatt ttgttttatt ttttttagcca gctctttctaa taaaagggtcc cttgcggact      60
tgttctacca tgagctgagc tcgaagcgac tgatttccca tcttcaaaat gtctgtcatt      120
ctctgtacag ctggatacga tcatactatt agattctggg aagctttatc gggatatctgt      180
tcacgaacaa tccagcatcc cgaactccag gtcaatcgcc tttgtatctc ccccgacaag      240
tgggtacctg ccgcgcttgg ccccccacac gtcaagctct agcatatcaa atcgaggaac      300
ccgaacccgc ttttgacctt cgaggggacac accggaacac tcacagggtt agcctttcac      360
tgcgagggaa aatggatggg tactagtttc gaagatggta ctggtaagat ctgggagacg      420
aggactggat caattcagcg aagctataac catgggtgcc cagcaaacga tgtcgtaatc      480
caccaccaac aggggtgagat tatcagttgc gacaggtcgg gaagtgtcag agtgtgggat      540
cttggnccag aacaaatggg cccatgagct cattccaaaa ggaagacgtc tcagtcctntt      600
agcgtcacgg tagccagg                                     618
```

<210> 236
 <211> 649
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

```
<400> 236
gagcattaacg tctacacgaa tcttgcgact cctcgatcag ttcaccatcc accatctatc      60
tttcccttcaa ctgaaagctt cttctcagct gaatttcggt atttcccttt tccctttaaca      120
acccttgaaa tctaaatcca ccaacttttag tcgcctaaaca ccgcctaaat gggtcacgaa      180
gatgtctgtct acccttgccaa gctcgctgag caggccgagc gatatgagga gatggttgag      240
aacatgaaga ttgtcgccgg tgaggaccga gatctcaccc tcgaggagcg aaacctttctc      300
tcggttgccct acaagaacgt cattggcgcc cgcctgtctt cctggcgcat agtcacctcc      360
atcgagcaga aggaggagtc caagggcaac tcttttcagg ttacctctat caaggagtnc      420
cgacagaaga tcgaggccga acttgccaa gactgcgaag atatctcgaa gtccctgaac      480
cgacactgat tccctctgcc aagctctggc aatccaaagg tttctacac acgatgaaag      540
gtgactacca ccggtacctc gcgaattcg ccattggcga ccgcgaggg ctttgccgna      600
agtccttagg ctnagggttc nttagttgcc anatgggttc ttcncncnc                                     649
```

<210> 237
 <211> 518
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

```
<400> 237
tctccacgaa gcttttagaga agctcaccca ggacactcta cactcgtcca agcagatggg      60
agctgtcttc tctgacaagg accctnaggt gatggacagc attgagtgtc tcatgcacgg      120
ctatgtcacg tggcacttgt gcgatcacag gtaccgttga atgagatcta cgaaaaagtc      180
```

aaaggacaaa	agaccgagga	cgctcagaag	ttctgcaagt	tctatgagca	gggctgctaa	240
cgctcgagcc	gtttcgccct	cggagtgggc	ttatccacct	attgcgcaac	tggcaaacat	300
tcggtccaag	gatgtgaagg	atgtgaagga	tgtgaaggag	attcagaagc	ctctgctgag	360
ctcaattgag	ctagtggaa	gaccgacggt	gagatggaag	tatgttttgc	gggtactcgc	420
taggagaata	ctggtcgttt	atcatgatta	caaatagctt	ggttatgttt	ttattagcat	480
ttacagttga	acaaggataa	ttactactga	aaaaaaaa			518

<210> 238

<211> 799

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 238

ctcaactcta	cctgccttac	tatctccaac	ctcaactatt	aatcccagca	aagctcacca	60
ccacaacccc	gccccgaata	acgccttaa	caaaattact	cgggtagctc	aaattcatca	120
tggttcgaaa	caactacgat	aacgattccg	tcaccttctc	gccccagggt	cggatattcc	180
agategagta	tgetgcagag	gcagtgaagc	agggctctgt	tggtgtcggt	attgctagca	240
agactcaagc	cgttctgtgc	gctgtcaagc	gaaatgcoga	ggaactctca	tcttaccaga	300
agaaactott	cacogtogac	naacatgccg	gtatcgcaat	cgttggcctt	acctccgatg	360
cccggtttct	ttccaaactc	atgaagcagc	aatgcctagg	ccaccgactc	acctatggcc	420
gtgcaatccc	cctccgatcc	ctcgctcgaca	tgattggcga	gaaggcccag	atgaacaccc	480
agatgtncgg	caagcgacca	taaggcggtg	gtctcctggt	ttccggtggt	gaatgagcgt	540
ggtcttcacc	tggtcgagtt	ccagccctca	ggcatgacag	aagagatgct	tttttttggc	600
atthggcgcc	cgaagccaaa	tgggccgaac	ataccttggg	cgcaacattg	attcctttgc	660
cgattgctcg	aaagaagact	gattcagcat	ggtctcaagg	ccttgaaaga	aagtctggtc	720
caggacaagg	acttttagta	ganaacacat	cogtcggcgt	agtgggcctc	aacatagtgg	780
aatggcagga	agaaggtcg					799

<210> 239

<211> 610

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(610)

<223> n = A,T,C or G

<400> 239

ggattctgag	gtcanggetg	agaagcaaaa	cactcgggtc	caagatgtcc	acgggttgcga	60
tgaagccaag	gaanaactcc	aggaagtctg	cgagtttttg	aanaaccctg	agaagtttag	120
cgaactcggt	gccaagcttn	ctaagggcgt	ntccttggtt	ggtccccccg	gtactggtaa	180
gacgcttttt	getcgagcgg	ttgcggngga	agccgggtgt	cctttcttct	acatgtctgg	240
tgggtggttt	gatgagatct	ttatttqatq	tggtgccaa	cgagtccggc	agctctttac	300
tggcccaaaa	adaagtcctc	agccattgtc	ttctatcgat	aacttgagcc	ttttggaggc	360
aaggttaacc	ctagagatca	agcccacgct	aaacagacac	tgaaccagct	gcttaccgaa	420
tttgtaaggt	tttgatcaag	acagcaagat	catttnnatt	ggagccncca	acttgnccaa	480
agatgctgga	taangccctt	actcgtctct	gacgctttga	tgcacatgtt	aatgttgact	540
tgncctattt	agaggcccaa	tcnccttttt	aaccccatgc	ccagaaaanc	aaagtttctn	600
ccgatgtccc						610

<210> 240

<211> 639

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 240

gggcagtttc	ggcaagggtca	tgcaggtgcg	caagaaggac	acgaaccgaa	tctatgccct	60
caagacaatt	cgcaaggcac	acatcatctc	gcgatccgaa	gtcgcccaca	cactcgccga	120
acggtctgtg	ctggcgcgaga	tcaacaaccc	cttcattgtg	ccgctcaagt	ttagtttcca	180
gtcaccagag	aagctctact	ttgtccttgc	ctttgtcaac	ggaggtgagc	tgttccacca	240
tttgcaaaaag	gagcatcgat	tcgacgtcaa	ccgatcccgt	ttctacaccg	ccgaacttct	300
ctgtgctctg	gaatgtctac	acggcttcag	tgtgatctac	cgagatctca	agcccagaaa	360
cattctctctc	gattatcaaa	gncacatcgc	tctgtgcgaa	tttggttttn	aagcttgaca	420
tgaaggatga	ggcggaactaa	cactttctgt	ggtnccccca	gtatctggcg	actgagtgtg	480
atqqtcaagg	tacacaaagc	agccgatggc	ggaccttggg	gttctgttaac	aangtgacgg	540
gnetgencct	ttatgatgga	cctacgagat	nnccgagatt	ntaagctttt	atttngangg	600
ggcccagtno	aggntctaca	acttttaccg	atttaaagg			639

<210> 241

<211> 623

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 241

gpcgaggaca	ttgtgtggca	cgaggatgtc	ttgatttaca	gtgtctggga	tgacgaggcc	60
tcaggctcaa	acttcaacgg	ctacctgtac	cttgatcttc	accctcgtga	caacaagtat	120
ggccacaacg	ccaacttcaa	cctggagcct	ggttatgtca	ccgaggatgg	caagaagcac	180
tacctgttta	ctgccctggc	ctgcaatttc	agcaagccaa	ctcccaagaa	gccatccctg	240
ctgaagcaac	acgaggttgt	gacctgttc	cacgagcttg	gtcatggtat	ccacgacttg	300
gctggtega	cccgctacag	ctacttcacg	gaacctccac	agtgtctgac	tttgtcgagg	360
ctccatctca	gatgctcgag	aactggtgtt	ggactcccag	cgtgctcaag	tcactttcta	420
aagcactggg	aaacaaagga	gcaaattccc	gacgagctta	tcgaaaagct	tggtttctaac	480
aaagcgtctt	taactcaacg	atcggcgcac	tttggacagc	tagntattgg	netgtttgac	540
atgaactgnc	acaattcctg	agtctcacga	aggttgtcaa	gaaactcaaa	cgcttggccg	600
aacttgggaa	cgaagcttng	aca				623

<210> 242

<211> 624

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 242

ggtatttctgt	cttgaagacc	tctccatctg	tcaattggcc	togaatctgc	acacaaacgg	60
ccatggggac	cagratctct	cgaggtaggg	cttgggcttc	ngctcttnga	cccgogaagg	120
cttctcttca	ggctcggaac	gaccaagpaa	tccgtctgtt	gtccaaacag	gtctgtcaat	180
atgtcgpaat	ggccaaggaa	agccccaacc	tgcgaaaggc	ccctcgcgac	catatcgga	240
cactcaaggc	tctatctgtc	aaccttgccc	acaagtacca	aagcaagtct	gacaacatgc	300
acgcetaagg	tgcctgggtg	atgggttgcc	ttcccaaata	cgtccagcag	ttctccgtct	360
ggaaaagatga	actcaccatc	tacatctctc	cgtcgggtgt	ctacctgtc	ttcagcttcc	420

tgaagtacaa	cactgctgcc	gagttcaccc	aggtcagcac	agttactgct	gccgattacc	480
ccacgcgcga	ncaccgtttc	gaaattgtct	acaaccttct	ttcggtcgcg	cacaactccc	540
gaatccgtgt	cnagactacg	ccgacaaggt	tctcctgttc	cagtatcact	gggctttttg	600
annggtgcc	actggtatga	ncga				624

<210> 243
 <211> 608
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 243						
gttaccgctt	gagatcattg	ccgcatactt	aactctctca	tactgggaag	aaagtcttcc	60
tcgcgccatc	tttgtctcgg	cgtttctcgt	actcatcctc	atcattaaca	tgtttgaggc	120
aaaaggctac	ggtgaagcgc	agttcatatt	ctctataata	aaggtcattg	ccgtcattgg	180
atctatcctt	cttggtatcg	ttctcaactg	tggcggaacg	ccagacagtg	gttatatcgg	240
cgcccgcttc	tggcatgaac	ctgggtgctt	caataacggg	ttcaaaggaa	tgtgcaacgt	300
ctttgtcaca	gcccgcattc	cttccgctgg	cactgagctt	attggtctcg	ctgccgctga	360
aactgctaac	ccacgaaagt	cattaccgcg	tgctttgaaa	caagtgttct	ggcggatcac	420
ctctttctat	attggtgccc	ttacgttggt	aggggctggg	ggtccatata	atgacccccg	480
acttaccaca	ggtctagtga	tgcantatga	ctgcgtcacc	ttttgntatt	gctattgaaa	540
aagcgggtat	ccaagttnac	ctttgggtat	gaacgcantc	attctttggc	ccgtctntnt	600
gttggaaa						608

<210> 244
 <211> 644
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 244						
caaccaccac	aataatcacc	aacctcacct	catctttgtt	tccacgagca	cccaaatttc	60
acaactacat	ctacagatta	tccacaaaaca	aacacgaccg	cattcaaaat	gtctgagctc	120
atctctgttg	agaagatctg	gctggcctcc	aacgacagcg	ccgtcatcga	agttgaccgc	180
gttgctcgtg	agcgatcaat	gctgatcaag	aacatgctcg	aggatgttgg	cgacgaactcc	240
atcaccacgg	ccaacccccat	tccatttccc	aacgtcaacg	aggctgtcct	ccgcaagggt	300
atcgagtggt	ggcaccacca	ccgaaacgac	cctcctcagg	ctcaggatga	tgaatccgac	360
gttcgcaaga	agactacoga	catcgaggag	tgggaccaga	agtttatgca	ggtcgatcag	420
gagatgctct	ttgagatcat	cctcgcttcc	aactatctcg	acattaagcc	ccttctcgac	480
gtcggatgca	agactgtttc	caacatgata	aanggcaagt	cgcacagagga	gatccgnaag	540
acttinaaca	tcaccaaacga	tttccccccc	gaggaggagg	agcagatccg	ncgtganaac	600
gattggggtt	gaaggaacggt	aagttgcttc	gtcttggctt	caaa		644

<210> 245
 <211> 820
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

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<400> 245
cgacgagata atccatcaac gcgatcccca atttctcagc ctcatTTTTc ctttgcgggT      60
cttccttgat ctacctatto tcaggtcatt tcttctatto tttatctttc ttcttcaaat      120
cgataccctt ccaatcccaC ccataatggc aaccaaggga aacaagtact cggttatctt      180
gccgacatac aacgagcgca agaacctccc catcattacc tggttgttga accgcacctt      240
cactgagaac aacctcgatt gggaactcat catcgtcgac gacggatccc ccgatggaac      300
ccaagaagtc gccagcagc tcgtcaaggt ctactctccc cactctctcc tcaagccccg      360
cgctggtaaa ctcggtctcg gaaaggccta cgttcaaggT ctcaagtttg tcactggcaa      420
ctttgtcctc atcatggacg ccgaattctn ccaccacccc aagttcatcc ccgatatggT      480
cgctcttcan gagaagggca actacgatat cgtcacaggT actcgctatg ctggagatgg      540
aggcgtcttt ngctgggac tcgaagcgaaa gttgtcagcc gtggcgccaa cttgttcgcc      600
gacactgtct gcgggctggc gtgagcganc tgacangcag tttcgcgtctg tacaagcgtg      660
ctggcctgga gaangctatt gntaccacaa qagagtaagg gttacagggt tccaaaatgg      720
agcttatggT tegtgcgaag gntatnggt gnaactggcg cgaggttcca tttctttgtc      780
gaacgtttgt accggaaga agcaactgg cgganaaaa      820

```

<210> 246

<211> 657

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 246

```

aaagaagaag gatttgggta aaatcgnccc cactcgtaa tgtcgatgcg gttacagatt      60
ctgctttggc tgcccaaac cagatcacca accggccct tgtgatttgg ncaanaaatg      120
gttgaaaaag tgtgccgacg actcaaaaac tgcaactgg atttcggcca acaccaagga      180
atgccccaaG tgtaactcga ccattganaa aaacggaggc tgcaaccata tgacatgccg      240
aaagtgcgaG taogaattct gctggatgtg catgggcttc tggcccgagc atggaactag      300
ttgggtabaat tgtaacagat acgaggagaa gagcggtccc gaggtcgtg atgccaggc      360
aaaatctcga acgtctcttg agcgtatct acactattac aaccgctacg cccaaccatg      420
agcaatcggc caaactcgac agggatatcg ctcaaaaaac cgaaaagaag atggnccagc      480
tttcagagtg cttcaggcat gttctggatc gaagtccaat accttaactt ngngtccca      540
ggttntttta acctgnccgc aaacccttaa ggggacatat gcctttgnct tntatnttgc      600
cagaaaacaan ctgncanaaa attttngang gtaaccaaag gcntgaatgg tnggat      657

```

<210> 247

<211> 476

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 247

```

gatgaatggg acattggcag catttggcat actctgacca accgcgcgca tggnnagaag      60
accatcgert atgttgagag tcatgaacag gcccttgnng ganataaaaac gctcatgatg      120
catctctgtg atgttgagat gtacacbaac atgtcgactc tctcgccctt gactcctgtt      180
gttgatggcg gtatgggctt cncbaanctg atcgtctgtg tgacacacng ntttggagga      240
gagggatata ttaactttga gggtaabgag ttgggtcaac ctgaatggct cgaattccct      300
ngagagggga acaataactt tttttggtno gctcgacnac agcttaactt cacagatgat      360
ccntgtgtcc aataaaaagt tctttgacc cctttgacog ntttgatgaa ccaaacogan      420
ggcaantnc gggtgggtgg nttgncctt agggcgtaaa tttcactgaa neatga      476

```

<210> 248
 <211> 711
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 248
 tcttttttgac cgtctcacta cctctcaact caacaagcat ttgaccagct atatgaaggg 60
 actaactgct aagggttttcc gtacctacaa cgcctccttc acaatgtcga ctctgctcaa 120
 caagcttgct agtgacctc gctctcgagg tacggctgca nagaagggtga agctgtacaa 180
 cgattgcaac cgtgaagttg ctattctgtg taaccacaag cgaaccgttg gcgcctctca 240
 cquqcaacaa atggccaagg taggtgacag gatcaagggt ctccgatacc agcaatggcg 300
 taccgaagatg atgatacttg acattgactc gagctacaaan aanaagaagg gcgcgccttg 360
 gttcgagaag gatgaggagc tgaatgatga gtggatcaaa gatcaccagc agttcttgct 420
 cgaggaacag cgcacaaaga tccagaagaa gttcgagaag gacaatgaaa agcgccaggc 480
 tgacaaggag aancctctac ctgagaagga gctccaggac gactcccggc ttgtgaanga 540
 aatggaaccc atnttcatga aggggaacca gaaccacaga agtttggggc tgaaggccaa 600
 gccctnccgt tgacaagttt ttccagggtg ttgacaattc cataacntc agaccctgac 660
 tccnggcccc gatcttatng ttacaggagt ngtctcgccc cccaaatcaa t 711

<210> 249
 <211> 716
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 249
 cagnatcacc acgcacaaacc gacaagatgg gccgtcttca cagcaacgga aagggcattt 60
 ctgcctctgc tctcccttac tctcgatcct cccctgcgtg gttgaagacc acccccgagc 120
 aggttgctga gcagatctcc aagctcgccc gtaaggggtg cactccttct cagattgggtg 180
 tcattctcctg tgactctcacc ggtattgccc aggtcaagca cgtcactggg aaccgaatcc 240
 tgogaattct caagtccagc ggtctcgccc ctgagctccc cgaggatttg tacatgctta 300
 tcaagaaggc tgttgctgtc cgaaagcacc ttgagcgcaa ccgcaaggac aaggactcca 360
 agttccgctc cattctcatt gagtcccgaa ttaccgctct ggcccgttac tacaagaccg 420
 taggtgtcct ccccccaccc tgggaagtac agtccgctcc tggcagcacc atcgtcgctt 480
 aagcgaacat aaaaaagagc gctggccaag ttccgatgga agtgatgggt tcccggtatc 540
 cggagtttag gacaaattat ggggaaagct tgcatttaga gccatgatgc ttatgcgccc 600
 tatctgggag gaccgacagc gaagtcgagc gctcaataga aagctcttcg atcgtcgcaa 660
 aaagcatgta tgcaatgggt acactaaaac cggtgacgat aaaattctta aacctg 716

<210> 250
 <211> 906
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(906)
 <223> n = A,T,C or G

<400> 250
 cagaaattga acccccacat cgtctctctaa tcttttaaag ttgcaaatca taagcagcgt 60

tactttcttcc	ctctcttttcc	ctctctctctc	cttttccaca	acctcatacc	atcatgcagt	120
ccgtcactag	agccgctcgc	gcttctgcgc	tgaagaacgt	tggccgcgcg	gcctactctt	180
catcgagta	cgccaagacc	atcaacaacc	tgcgcataca	cagcgatacc	aagggtcatct	240
accagggatt	cactggaaaag	cagggaaactt	tccacgctga	gcaagctatc	gaatacggca	300
ccaaggttgt	cgggtggaaca	aaccccaaga	aggtctggcag	actcaccttg	gccttctgtc	360
ttcaagaacg	tctcanaagc	cgcaaggaga	ctggtgctac	cgctactggt	ctcttcgtcc	420
ctcctctctg	gcccgtgccc	gtatcgagga	ggccctcgag	ggcgagatcc	ccctcgttgn	480
ctgnatcact	ganggnatcc	ccagcatgac	atggttcgca	tcaccgacat	gcttcaagac	540
ccaggacaag	acccgtcttg	tggcccccaa	ctgcgcgggt	atcatcggcc	ccgaacaagt	600
gcaagaatgg	tattcatgcc	tggtttcatn	cacaagcgcg	ggcggattgg	tatcgtctnc	660
cgtttgggna	ccctgactac	ganggtgtna	accaaaccac	ccaagccggc	ctcggtaatn	720
ttttgtcgtc	ggtattggng	gggacccctt	ntccggnaac	aactttatcg	atggcttaag	780
gttttaccga	ggaccccaac	anccagcggt	tattatgatt	ggngaaaaatg	gaggttcnc	840
cgaggaggat	ccnccaggtt	cttnaagcan	ggccaaaacc	gtnaacgggg	gnaancggtt	900
gtaact						906

<210> 251

<211> 699

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 251

cttcgacaac	ctcaccacaac	gactaatctg	gcttcaccca	cccaaccacc	caaccaatac	60
cgcaaaaaatg	gbcgggaggag	ttactgttgc	cgatgtcgat	gbcgagaagt	tcataactgc	120
ctactctgct	ttcttgaagc	gtcagggcaa	gcttcccatc	ccctgggttgg	gtcgacaccg	180
tcaagacttg	tcctgcacaag	gagcttcctc	cccaggacat	tgaactggttc	tacgtccgtg	240
ctgcctctat	cgcgcgcac	gtctaccttc	gcaagaccgt	cgggtgcggc	cgtctccgca	300
aggctccacgg	taccgcacaag	aaccgcggca	gcgtccctc	caagcacgtc	gatgcttccg	360
gtcccgctga	cggaaaaggtc	atgcagtcct	ttgagaanat	cgggtgcctt	gagcaggacg	420
aaganaaagg	tgccgcgcgc	atcaaccagg	ctggtccagcg	tgatttggac	cgtattgccc	480
agaccaccgc	tgaggccgag	gaggaggagg	atgacgagta	aattttgtct	tcaatcaaat	540
taactcgaaa	aaagtctggc	ggttctttac	ccggtcaatg	gtagcaatgg	caatggattt	600
gggcgttggg	tcatagaatt	tgtcatgtat	gaatganatt	ccctgatct	ctgggtcatt	660
cggtttggtc	aaattggacc	cgtccaaactt	gtcgttcan			699

<210> 252

<211> 702

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 252

cgtaaacgcg	caagtgaagc	agtaaccagc	agtcgcccac	ttcttcaaaa	tgcctcccaa	60
gaagacccgc	acccgtgctc	cccagganaa	catctccctc	ggacccctntg	ttcgcgatgg	120
cgagctgggc	ttcgggcgtg	cccgatatct	cgttcccttc	aacgataact	tgcctccact	180
taacgatctg	agtgggcgtg	agactatcan	acgtgttact	ggtaggtatga	aggtccaggc	240
cgacccgtgac	gagtcctctc	ccctacgctgc	catggttggc	gctccaggag	tgggtgcccg	300
ctgcaaggag	cttgggcatca	acgtctcttc	catcaagatc	cgtgcccactg	gtggtaacgg	360
taccaaagac	ccctggctccg	gtgcccagtc	cgtctctcgt	gacattgccc	gtgctggcat	420
gaagattggc	cgaattgagg	acgttacccc	tactcttccg	actctacccg	naaaaaagggt	480
ggtagccggtg	gtcgtcgtct	ctgaactgct	taccttttgg	tggcttggat	tggacaggag	540

tttcgctatc	tggtttctct	gtggcggtga	gaatcacgaa	gagaacgggt	ttttcgccctg	600
gtcttcagtc	tacacttgca	aagcctggtc	aggttatggg	ttangacgca	ttagacagtt	660
gaaaattcgt	ccgaagaagg	cctattaate	attctgctcg	tc		702

<210> 253
 <211> 849
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(849)
 <223> n = A,T,C or G

<400> 253						
ctcacatcac	ctctatcttct	tctctcaggt	aacgctgagc	ctgaccttgc	ttctgagact	60
gtctcactct	ccgataacat	aaactcttat	tcagccatgt	ctggttggat	ctactctctt	120
ccggcggttc	cgtacgccta	tgatgcctt	gaacctagca	tctctgctca	aatcatggaa	180
cttcaccact	ccaagcatca	ccaagcctat	gtgacaaaac	tcaacgcgc	actcaagaac	240
tacgccaccg	ctacttcgtc	caacgacatc	gccggccaga	tcgccctgca	gtccgccatc	300
aagttcaacg	gcccgcggcca	catcaaccac	tccctcttct	gggagaacct	cagtcctctt	360
agctctccag	actccaagcc	cgaaagcgcc	cccacgctcg	gtgctgaaat	ctccaagacg	420
tggggcagca	tcgaggcttt	ccaagagact	ttcaagaaga	ctctgctggg	tctgcagggc	480
agcggctggg	ggtggctggg	caaggacgcc	cagggtctgc	gtgtcgttac	caccaaggac	540
caggaccctg	tcgtgggagg	agaagtgcct	atcttcngng	tcgatatgtg	ggagcatgcc	600
tactatcttg	cagtacctta	atgggaaagg	ctggttatgt	tgataacatt	tnggaatgtc	660
atcaactggg	angacggccg	aggtctgttt	caccggctcc	cgtgagggat	gctttcaaag	720
gtcctggcgn	agcttcttnt	ttaaacggag	ttgacatatt	gaanaacgag	tttnnaagga	780
ccaaccgact	cttnatacca	tagnccatct	cattttatttt	ngantggca	nattaaaaac	840
accacaactt						849

<210> 254
 <211> 906
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(906)
 <223> n = A,T,C or G

<400> 254						
ctgggaagaat	tcggggcgca	ggaatttttt	ttgaatagag	cttgatcatq	cattaaatcc	60
agcgcaagaa	atctttttat	tcctttccct	aaggacccat	tcgatgcgt	tatgttaacc	120
tcattctgtc	gttaaccatg	agacagttag	aaatccttga	acaccatgcc	aggggccaac	180
actcctttct	tcatacgtt	ttaatgacaa	gcttacttgt	ggagcttgcc	ctggtagaaa	240
gagagctcct	caacctccag	gatgtaacca	tcgacacggc	cggactgacc	gggtcggtcg	300
gaaacaacag	cgtacaatcg	accggcctcg	aactgcttct	cgatggcgct	cttcgacctt	360
ggcgggggca	gacatggag	cagcttgctt	ttcttcaacg	gggttggact	ctttgacctc	420
ctcctcgggt	ttgcctccct	tggtggctct	ggccttcttg	cgtatctggc	caagagcctg	480
acgttagtgg	gcctcgtacc	actgtcggaa	gggagcggca	tcaacctgga	cgacggcgct	540
cttggttaggg	tggttaggtcg	gactaaactcg	ttgttggaa	ggtggtaggc	gaaggcaatg	600
acacgggtct	tggggttcag	gccttcggaa	ccccaggcca	agttaccgga	gtcgagacgc	660
agggcacggt	actgtgtggt	accacctcgg	gttcggacgg	tggtgatgcg	cttggggcca	720
atgggtgtgt	tggcaccctg	ggaaccaqcc	tcqaaaqccc	gcttcttctt	gtatgaggca	780
cgcttggcac	cggaggcgga	gggttctgtt	cgagagtcac	gogaaatacc	catgatttgc	840
gtttctgatg	atgttggggc	tcaccaggca	atogaattgg	cggatggctg	taggagtga	900
cttttt						906

<210> 255

<211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

```
<400> 255
cctcactcta ccagaaaaac atgtcttccg ctctcttcaa ctgggacccc gtggccaccc 60
cacctcgccc tccgtctccc gtccacaact tcggtaactct cgcggtccac gccggcgctc 120
cacatgaccc cgcacacgga gccgtgatcg agtctatctc attgtccacc acctttgctc 180
agtcgcgtgt tggcaaaccc gttggcgagt acgantactc tcgatcttcc aaccctaacc 240
gtaccaactt cgagactgct gttgctgctc tcgagcatgc caagtaagct ctgccttctt 300
cttcgggctc cgcacacccc gccacattc tcagantctt ggcgacggg agccatgtca 360
tttcggtctc cgatgtctac ggggggtacc cgtttacttc acccangtgc ccaaggccac 420
ggcgtcaagg tcactttcac accagaaatc gaagtgcana tcgccgaaca catcactccc 480
gatactcgct tgatctggat cgaaantcct agcaacccac actgcgcctt gtcgatatcc 540
gaactgtcgt cactgangcc acaaacatgg tgttcttgtt gttgttgaaa ana 593
```

<210> 256
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

```
<400> 256
actttctaac gctggaaaca acaatcctag tgctcttctt ttctgcatcg cagcatccaa 60
cgtctggactc aagggtatcg actccttcat gaacgtcctc atcctcgttt cgcctctatc 120
tatcggcggtt tctgtgtgtg acggtggtag ccgaaccttg gtatctttgt cgcagcaggg 180
ttacgcacct aagatcttct ctttcatcga caagtcggga cgacctcttc ccgtgttgtt 240
ctctatcctc gcaattgggt cctcgggta tatcagtgtc aatggagaag gcaactactgt 300
ttctatctgg ctacaggccc ttctgggttt gctgtgtttg tttacctggg gatctatctg 360
cctgtgcatc attcgttnc gcccgcttg aaataccatg gccacacct cgacgaaatt 420
cccttcagca tgcctttggc gtttggggat cttggatggn ctcatcatca ttggtatcgt 480
cctcatcgcg caattctata ccgccatgac caacattgac gcatctcttg ggacnagnaga 540
aggggtcttt caagctaac ttgctattgc tgnngggatc tatttatata atcggtacct 600
ttgnaatcg gaaggttga ngaanaacaa n 631
```

<210> 257
 <211> 645
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(645)
 <223> n = A,T,C or G

```
<400> 257
cttgagctta cgggtatccc ccttgccccct cgtgggtgctt ctcagatoga ggtctctttc 60
gagctogacg ccaacgggtat cctcaaggtt tctgcccacg acaagggcac tggcaagcag 120
gagctatcca ctatcccaa cgacaagggt cgtctcactc ctgaggagat cgagcgcgat 180
gtcgcgagg gtgagaagta cgcgaggag gataaggcta cccgtgagcg catcgaggcc 240
cgaaaagccc ttgaqaacta cgttttctcc ctcaagaacc aqccaacqa tgaqgaaggt 300
```

cttgggtggca	agategatga	ggaggacaag	gagactatcc	tcatgctgt	caaggagacc	360
aacgagtggc	tcatgagca	cggcgctgac	gccacgcgcg	aggacttcga	ggagcagaag	420
gagaagctgt	ccaacgtcgc	ttaccccatc	acctccaaga	tgtaccaggg	aactggtgga	480
ctcttggtag	cgagaangga	tgacaacatc	cacgatgaag	ttgtaaacgc	ataaactgga	540
tgtttgggaa	aagaacataa	ataaaaaccat	tctggtgttt	ggttggagct	tccatgcccc	600
gtatgcaaaa	gtagataccg	caatgttatg	atgaattttc	agccc		645

<210> 258

<211> 702

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 258

cttcgcttct	cttttcaact	ctttttctct	tttttcaaca	aatcttccca	aagaaagttc	60
ataatatcct	tccctattca	ttttactcca	ccatatcaaa	caatcatggg	cgttcaaact	120
gttgagttca	agcctttcca	ggaccagaag	cccggaactt	ctggtcttcg	aaagaaggtc	180
actgtcttcc	aacagcctca	ctacagcgag	tctttcatca	ccagcattct	gctgtccatc	240
cctgaggggtg	ttgagggctc	caacctcgtc	attggtgggtg	atggtcgcta	ctacaacccc	300
gaggctatcc	agctcattgc	caagattggc	gcgcgatacg	gagtcagaaa	gctcattatc	360
ggccagaaag	gtatccttcc	tactcccggt	gcgagccatg	tcattccgtat	ccgcaaggct	420
actggaggga	tctctctgac	tgcacgacac	aacctctggtg	gtcccaagaa	cgacttcgggt	480
atcaagtaca	accttgccaa	cggttggcct	gcccccgagt	ccgttaccaa	caagattttac	540
gagttctcca	agactttgac	ctcatacaag	attgcggaca	ctcccgatgt	cgacatcacc	600
actgntggga	ctcnaacctc	cggggacact	gaggnccagg	ttatcgacag	cactggccac	660
tacgttgcca	ttgcttaagg	acatttttga	ctttgacctg	aa		702

<210> 259

<211> 567

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(567)

<223> n = A,T,C or G

<400> 259

tccgatactca	cttttttact	atctacttca	actaccatag	acagcaaaac	tggccgactc	60
acttacccga	gagcaagtct	cagagttcaa	ggaggccttc	tccctgtttg	acaaggatgg	120
cgatgggtca	atcaccacca	aggagcttgg	aaccgtcatg	cgtctctctg	gccagaaccc	180
ctccaggtct	gagcttcagg	atatgatcaa	cgaggctcag	gctgacaata	acggcaccat	240
cgacttccct	gagttcctta	ccatgatggc	gcgcaagatg	aaggacaccg	actctgagga	300
ggagatccgc	gancttttca	aggtttttga	ccgtgacaac	aacggcttca	tttccgctgc	360
cgaactccga	catgtccatga	ctccattggg	gagaagctca	ccgatgacaa	gttgatgana	420
tgctccggga	ggcgccagga	cgggatgggg	atccactaca	ctttctccan	cttttgatc	480
naatanaaat	atatcggatc	ctcncacaat	ccnccggctgg	ctctctttgn	ctccctccat	540
acacaatttt	tggctacaaag	atgggtgg				567

<210> 260

<211> 513

<212> DNA

<213> Fusarium venenatum

<400> 260

acctgcggag	gannccgggt	gccccacggg	ccagtcacat	ggcgccacca	tccgtgacac	60
------------	------------	------------	------------	------------	------------	----

tttcccttggc	tcaaagactg	gcatecgttg	ctacgtcgcg	accgactctg	cacgcaagga	120
aaatcgtcct	ctcgggttcg	ggtagcacca	aacattcgca	actggcttac	caacctcgac	180
ttcgaccagg	atgactgcag	cttgaacctc	cggctgtgga	gttgcacgga	ggcttccaga	240
gaagcctgga	atgagatctc	ggccgccagc	aaccgccgct	gtcgcaaagg	cccgcaaggc	300
gaacccttcg	ttcaaggtec	tttgccacag	gtcaactcgt	ggttggtgct	gttagctaca	360
ctagcagttg	cgaacctgcg	atttggtggt	acgccatttg	acatctacac	cctacggctc	420
acccccgatt	ttgaaacacg	caactcgcgt	ccttcacctc	taaccaggct	ggtggagatt	480
tccgcgttta	cgaacgccaa	ggaccccgct	cctcgtctcc	cccctctggg	ttttttggat	540
accggcacac	ttcccccgaa	ttactggttg	ttctggtttc	ggaagtttac	aaggttttga	600
ctaccctca						610

<210> 261

<211> 671

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 261

cctttcttcta	cgagccgcgc	tttttacggc	catttttaaag	accgaattcc	cgcgcgcgcac	60
aacactcgaa	atcgaacccc	ccacctcttc	ttgagacccc	gacccaatac	ctagaatatt	120
cgacaatacc	gccaacatgt	cgtaaacaaa	ctgccgtttt	tatgaggaga	agtatccgga	180
gacgcgatagc	ttcgtcatgg	tcaatgtcaa	gcagatcgcc	gagatgggtg	cctacgttaa	240
gctttctagag	taagatgaca	ttgaaggcat	gattctgctc	tctgagctgt	ccagaagacg	300
tattcgatct	atccagaaac	tcctccgagt	tggtccgaac	gaggttgctg	tggtactccg	360
tgtggacaaa	gagaagggtt	acatcgatct	ttccaagcga	cgagtctccc	ccgaggatat	420
cgtcgaagtgt	gaggagcgat	acaacaaaaga	gtaaagatgg	tccactcaag	tcctgatcca	480
tcttgccaag	gctacggaga	tccccctcga	gactctatat	caggccattg	cctggggccc	540
tgaacaagaa	attcggccat	gctctcgaag	cttttaagct	ctccatcacc	nacccttgaa	600
gtcttggaac	gacataacct	tcccgacgan	ggtactggcc	angagctnaa	gaaatacatt	660
ggnaagcgac	t					671

<210> 262

<211> 678

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 262

nccttaaggt	acttcagctc	ccgctcaatt	cttcttttttg	ctcttccctt	cttcatctct	60
tttttatctt	cccgctctta	atcaactctt	ttcctgagtg	actccttttc	tctcgtcacc	120
caatagtrag	acttccccgt	gtctgtctac	ctttagccgt	atccttttacc	ctcactttct	180
cctttccact	caactctcac	aatgggtgdc	aagggtacca	acgggtccca	cgtcgatcct	240
gggtcatgga	agcattacaa	cgagggtctg	ttcctcttca	ccagttagtc	ggctgggtgaa	300
gggtcccccg	abaagatcgc	cgatcaagtt	tccgaagcta	tctctgatgc	ctgccttcgc	360
gaggcccccc	tctccaaaggt	tgcttcgcag	actgcaccca	agactggtat	gacataggct	420
ctgggngaga	tcaccaccca	ggccaagctc	gactaccaga	aggttgctcc	tgacgctatc	480
aaggacatcg	gttactgatga	ctcggccaaag	ggtttttgact	acaagacctg	caacttggtt	540
gttgccatcg	agcagcaagt	cccccgatat	tgcccagggt	ctccactaon	aaaaggcttc	600
tgaacaaatt	ggtgctgggt	accanggtat	tattgttcgg	atttccaccc	acnaaacccc	660
tgagtttttn	cccccttan					678

<210> 263

<211> 625
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(625)
 <223> n = A,T,C or G

<400> 263
 ctgggaacct ctatgggttg cgtcgggtccc aagtcggtta tcgaggtccg tgatggcatg 60
 tccttcctcg acctttccgt tcgacagatc gagtacctca accgcacata cgacgtcaat 120
 gtccctttca tctcatgaa ctcggttcaac acaaacgaac gaacactgct gccattatta 180
 aqaagtaaga gggccacaat gtcgatatcc tcacctttaa ccagtcgccg taccctcgaa 240
 gtctacaagg actctctctc tcccgctccc aagggacaa gactctccca ttaacgagtg 300
 gtacccccct ggcacgggag aggtttccga gtctctgtac aactctggg atctctgaca 360
 agcttcttta tcgagggcat gagattggtt ttctgtccaa cgttgacaa ctgggggctg 420
 tgggtcgatc ttccgcattc tccancacat gatggagacn aacgcggaat acatcatgga 480
 attgacaaca agacaagggt atgtccaggg tggtagcatt atcgatacaa ggctcgttcg 540
 cctgctcaaa tcgtcaggtt ccaaggactg ttaacaattc aattcctcaa gaattcantt 600
 ctcaacncca caactctggt cactc 625

<210> 264
 <211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 264
 gcgcgtcaacc tcgctctcaa ggtcctcaag ggtgagcagg gtgttcccaa tgtttctgtcc 60
 gctcccgtct ggggtttcta cgatgtactc tttaagggcc aaaagttcga gttccagcgc 120
 cccacaggaa agctatgtca tggaaaaacg ttctcttcaa ggtctcttac cctgccgagt 180
 tccactctca aacgcgcgtc gaggcctctg aaaaaaattc accacctcct caagtctcag 240
 ggcaagttctg ctgcgcacat caagtccatc acttgccgaa ctacacgaag ttgcattcga 300
 attatcgaca agcagttcaa gcccatggac aactttgcgc accgtgacca ctgcattcag 360
 tacatgtggg ctactatgct cgttttcggc cgtcttgaag ccaccgacta caccgacggt 420
 ggtgaagctg ctactttctc tctcgtcgaa tctctccgtc aaaagatcaa gtgtgttgaa 480
 gatctcaggt acacaaagga ttaccatgaa cccaagctcc gaaccatctc caacgctctc 540
 accgtcnaac tcaacnangg taactgtctc natnaagtc ctgttgaagg ctc 593

<210> 265
 <211> 553
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 265
 tacaagggtgc tcaactcgtt cgggtcaaga tgatggcgca gtgganacca gttgcatctc 60
 ctgggtgtggc gaagcactgg tggctatggt accctatcg gtgtcatccg cctgcatttc 120
 aagaaaagct actgatctcc gaaactttga agcatttggc aagtcggacc cttacactcg 180
 aattctgctc totggtattg aaaaagcacg aactgttacc ttccgaaatg atctgaacc 240
 tgagtgggac gaagtccatc atgtgcccc tcaattctgt cgagacagac tccgcttqga 300

agtcattggat	acagaaaagg	ttggaaaaga	cgcagctctc	ggaatgattg	aactcttcgc	360
tgccgactat	gttgcccaag	atgaaactgg	cgagtatcta	gtccatgaca	agaaacaact	420
ccgggaagac	ggcttcgtct	ccacaacaag	ggcatcgcca	agggtagact	gcattacacg	480
gttgccctttt	acccttgctt	gaatgttgct	gaccttgagg	atgaagaana	agaagagaag	540
gagaaggaag	ggggagcc					558

<210> 266
 <211> 633
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 265	
cgacctcgtc	acggctctgga
tcctggcagc	cagaaccatg
tgccgtcaag	gtcttcaacg
caagggagac	aaggttcaac
acagactgac	gttgatcgct
cagtaccaca	ggtgccttgc
tgtttctctg	tcgccaaact
gncaccatct	ttcaaccacc
accatcacat	tctnaccacc
gcagatcgat	tttaacgaac
aaccantgt	ctgggnaatg
	gagtcacnan
	agc
	50
	120
	180
	240
	300
	360
	420
	480
	540
	600
	633

<210> 267
 <211> 520
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

<400> 267	
ctcgaggctc	ccgacaaaga
gcacacccctg	tttttatoga
tcgatccctct	ggcctctatt
tgggctgnat	accaggaggt
gacggngacc	ttatttgggt
gaggaaattg	gcgaatcaaa
cancagtgaa	atntacogaa
atctatcggt	tnacacacac
gacacacac	caacngggtt
	ntgaagcaac
	gcagacanan
	ccatgngaga
	ttcgccaaaa
	catctgatgc
	gaanaacgtc
	caaaaagcaat
	ctnctgggt
	gactttctta
	ccagtgggtct
	gatttatcac
	50
	120
	180
	240
	300
	360
	420
	480
	520

<210> 268
 <211> 508
 <212> DNA
 <213> Fusarium venenatum

<400> 268	
ntttgggttag	tcattggagtt
atcatgtccg	agggtcagat
ctgcactcga	aggggtgcat
gagggcaaga	tcaaaactgac
	tgcttcagtg
	tgctgtgaga
	atcaagtcgt
	ttcttgcga
	ggcagcctta
	cggtatgttgt
	cacttttggg
	ctgtcagcac
	acaacattct
	ctatcagaag
	ggcccagaac
	50
	120
	180
	240

aagcgaacga	ccatgggtcgg	aacaccatac	tggatggctc	ccgaagttgt	cacacgaaaa	300
gagtacggac	gcaaagttga	tatttgggtct	ttgggtatca	tggcgatcga	aatgatagaa	360
ggcgagccgc	catacctgac	cgaatctcct	ctgcgtgctc	tttgggtgat	tgcgaccaac	420
ggcactcctc	acattaagaa	tgagcaggac	tgtegcgccgt	tttcaaggac	ttcctctact	480
ttgccctcaa	ggtggacccc	gagaagca				508

<210> 269
 <211> 753
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 269						60
gctgggtgaca	tcattccgcaa	ggatggctcc	cgtgtttatac	tcattgaagaa	cccaacctgg	120
cagagtggagc	tttgggggtct	ttgggaaacc	cttcgcttcg	aaaccttttgt	tgttctttctc	180
ttccccatgt	tcttctctc	caactgggtt	tacgtctacc	aacagaattc	cgtaaatggc	240
gcctacttca	acacccgaac	aaaggcgtc	aatggcctgc	tgtactgggt	ggctcagatt	300
attgctgcag	tcattctggg	ttatctcctt	gatctcgaga	gcattcaaac	taccactcgt	360
gccaaggccg	cgtgggttgg	tctctttgtc	ttgacctttg	tcattctggg	tggcggatac	420
gctttcgaga	agacttacac	tgcgagact	gtcgtccag	attcagattt	tgccccgggt	480
gactggacag	actctgggta	cgtctggacc	atgttctctg	acattcttta	cggttttttac	540
gatgctgctt	ggcaagccac	catttactgg	tttatgggaa	ccttgtccaa	ctctggtcga	600
cgatctgcca	actacgtcgg	cttctacaaa	ggatccaat	ctgttggtgc	cgcgtcgtc	660
aancatcttg	atgcaaagaa	gatntcgtac	cgatccgagt	tcattcagaa	ctgggttctt	720
ctttcggtc	tcttgcatgg	ctgctcctgn	cattcttctc	aagattaaag	accacgtaag	753
caccgaagaa	gatctcaagg	gcactgatga	aga			

<210> 270
 <211> 1041
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1041)
 <223> n = A,T,C or G

<400> 270						60
ctccatctgc	atgggtcgtt	ctgcgcgtct	calcggcgtc	ttctatacag	ttggaagcaa	120
ctcttgggat	aagcacgagt	actactatga	gggggcattc	agcctatttg	cttcctctcat	180
cattctctgtc	atgggtgctg	ctcttctcgg	tatcggcaag	atgcagtcta	agtggcgcgt	240
caagtttagca	aaagctatcg	agtcctccaa	caaagctggg	agtaagggtc	ggttcaagca	300
gtttgttgag	agatacgcca	tgtttgtcct	accttttgtt	acagtcctcc	gagagggaat	360
tgaggccgtt	gtctttgttg	ctggagtatc	tttctcagct	tgggccaagt	ctattcctct	420
gcctactgtt	gtcgtctctt	tgcgcattt	ctgtgtttgg	tacctcttgt	acaagggttg	480
tgcgagtacc	aaactccagt	tcttctcttg	tctatccaac	tgcctcttgt	accttgggtg	540
tgcaggtctc	ttttctaggg	ctgtatggag	cttcgagaa	ggccaaatgg	aaccaagtat	600
gtcgggtggg	aagcagacaa	gttcggtaac	gggcctgggt	cttaacgat	tgaccaaaagt	660
gttggcatgt	taattgttgt	acctctacgg	acaagaattc	agaatggctg	gggcattctt	720
taacgctatt	ttgggctggg	acaaattcgg	ctacatatgg	ctctgtcatt	tcttacaact	780
tatactggat	ttgggtcatg	gctggcttca	ttatnatgg	cttcaagag	acacatggta	840
ggtatccatt	cggaaggcca	aaggctcatg	ccaacgctgt	tgatgatacc	cgagagtcac	900
acgacctctt	cttcaaggaa	cgtcccagaa	aagaccacaa	cagcataatc	ggcatgagaa	960
agaagtatgg	gcaacgaccg	ggcttgtcct	gatgggaaac	tctgtacaat	ttcgtccacc	1020
tjacaacngc	gttataaggt	tatnctagtc	tacatccatt	ttaacaaagt	ctaataagca	1041
agtcttctgt	atattttgct	c				

<210> 271
 <211> 740
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 271
 ttttttcgtga atccttttttt tatctcgcat tgcctctata gcacaacccat ttgcaacgca 60
 acntccgggtg cccgacnntt caggggaaac tttccatttg ccctgatgct tatcacgccc 120
 aaaaaaatgcc agaaggttagg atagtcccaa cttaaaaactt ggagaacttc ttaacagact 180
 tggcgggttgg gggcagggaag cgcaggacgt tgaaggggac agtctttgctc agaggtcggc 240
 atgggcaaac ggttaacctga tcacctctct ggacaaggaa agcgggagaa acgtggggcg 300
 caacgtttctt gtgtcgcttc tcgtatcggg agtacttggg gatgaagtgc aggtactcgc 360
 ggccgatgat gatggttcgg tgcctcttgg tggaaaacgac ggtaccggtc aagatacggc 420
 cacggataga gacgagacca gtgaaggggc acttcttctg aatgtagctg ccttcaatgg 480
 cggctcttggg ggttcggaaa cccagaccga cgtccttgta ccctcgtcgg ccacctttgc 540
 ccggtcgggtt ggacttgggtc ttgggtcttcg agttcttgaa gatgtgaggc tgcttctgga 600
 aagcacgctc cgactggacg gtcaactcgg tcgccatctt gaattatcct tctcgggcag 660
 gtaccgtggg gaaatggcgt ataggttgag ctgggagggc gaggttgaga ctgctaaggc 720
 ggacagtagt tttctctgat

<210> 272
 <211> 664
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 272
 gtgcacaatc accacacagc gtccgccatgc ctaccctgtt gtccaagacc cgcgaagcacc 60
 gcggccacgt ttccggccgg aagggacgtg tcggaaagca ccgcaagcat ccgggtggtc 120
 gtgggtcttgc tgggtggtcag caccaccacc gtaccaacat ggacaagtac catcccggtt 180
 acttcggtaa ggttggtatg cgatacttcc acaagcagca agcccacttg tggaaagcca 240
 tcatcaacct cgacaagctc tggctctctg ttcctcagga gaccctgac gctacgtca 300
 agqgtgagaa gaaggacac gtccccgtcc tngacctctt cctntttggt taactcaagg 360
 tccctgggaaa gggccgtctc cctgagatcc ctctggctgt ccgcgcgccg tgggtcaacc 420
 gcttttgtg aaganaaaat caaacaggcc ggtgggtgtg ttganctcgt cnettaaacn 480
 naacatccaa ctgttctgta aatcttgaag antcnggtgg gcttgtnng gaaattctac 540
 aaacggaaaa naaaancttt tccaccccng ngaaaaanaa acctgggggc cctggaaaaa 600
 aaaaggtctt cctnccctcc ggaaaaaang gccanggact aagtcgcgnt cgggttttgg 660
 -alt

<210> 273
 <211> 801
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

```

<400> 273
ggttttacaac gagattgccg ctcgcttgga ggagaaggac gactacgacg atggcagtta      60
cggtcccgtt ctagtccgtc ttgcctggca cgctagtggc acttacgaca aggagactgg      120
tactgggtggc agtaatggag cgaccatgcg attcgctcct gaatctgacc atgggtgcaa      180
cgccgggtctg gctgctgccc gcaaattcct tgatcctgtn caaggaaaag ttcccttgga      240
tcacctactc tgatctcttg atccttgccg gcgtttggtc aatccaggag atgcaagggtc      300
ccgttatccc ttaccgacct ggccgttccg accgcgatgt ttctgggttg acccctgatg      360
gtcgtcttcc tgacgcttcc aagcgccaag atcatctccg aggtatcttc ggccgcatgg      420
gcttcaacga tcaagaaatc gttgcactgt ctggtgcccc cgctcttggc cgatgccacg      480
ccgacccgat ccggctacag tggtccttgg actttctctt ctactgtcat gacaaatgac      540
ttcttccgtc ttcttggtga ggagaagtgg cagtggaga agtggaacgg gcctgctcag      600
tacgaaggac caagtccacc aagtcctca tgatgcttcc cagcgacatt gctcttattg      660
aggacaagaa nttaagcatt gggtcgagaa ntatgccaag gacaatgacc tttcttcaag      720
gactttctaa cgtcgtcttc cgactattcg agctcggcgt tccttttgcc cagggcaccg      780
agaaccaacg atggaccttc a

```

```

<210> 274
<211> 638
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

```

```

<400> 274
ggcatctaat aaagcgaltc ggttggggcga ggagatctgg aaaacccgaa tcgataaggt      60
caacgcggag ctcgtaactc tgacgtacgg aactatcgtc gcacagctct gaaagatta      120
cgaaagcgat tatgcggagg tgaataaaca gctcgacaag atgggctaca acatcggact      180
ggggttgata gaagactacc ttgccaaagtc caacaccatg aagcgatgcg ccaacttccg      240
ngaaacagct gagatgattt ctcgtgttgg gttcaagatc ttctcaaca tcaactctca      300
agtcctgaat tggacaagcg aaaatgacca gttctcgtcg gtgtttgaag agaaccctct      360
ggccgacttt gtcgagcttc ccgacgatgg acgagcgcaa gaccagctnt ggtactccaa      420
cattctatgc ggagtgcctac gaggtgcact gganatgggt caaatgcagg ttgaggctca      480
cttttgctcag tgatgtctta cgaggcaccg aaagcncaaa gatgagggtt tcgcttattc      540
gatacctcga cnacaaattg cncctgggga tgactgagan ggttaanagg acncttatt      600
ttccaaccgt gacaccaatt tggcnctttg ccaaaaana

```

```

<210> 275
<211> 726
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

```

```

<400> 275
taagcggtcg actatgttga cccgccaatag ntccctcga cctccacaac atcaaccatc      60
aactcgaatc tctcattttg aaacaggaca agttctttct gagcttctgt ttctaattta      120
atccgatttc gaacatcaac accacgaatc attcacaatg tcgjcggggc catacgatcg      180
acacattacc atcrttgggtg acaatgggtc ggctttacca agttgagtag gccttcaagg      240
cgatccacagc ggccaacatc atgtctgtcg gtgtgaqqqq caaaggactgt gcttctctct      300
tgtcgagaa gaaggttccc gacaagctta tggaccctga ttctgtcaac cacatcttcc      360
agctctctcc ttcagttgggt tgcgtcatca caggatccat ccgggatgac cgagcttttg      420
ctcaaaagagc tcaggggcgag gctgcggagt ttcgatadca gtacggctac gagatgccag      480
ctgatgcctt ggccaagggt cttggcaaca tcagccaagt ctacactcag cggggttata      540
tgcgacctta cggcgttgcg accacactga ttctgcttga ctgggaatac ggccccaaact      600

```


cttcaaatgc gaccctgctg gatactacat tggttacaag ggaactgcag ctgtgcccga	660
agcaacagga ggcgctgaaa ccaccttgag aagaagctcc gcaacaagga ccaccogaan	720
ggttct	726

<210> 276
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 276	
cttgaagagc gattgggagc taatggctca gctgaattca aggtggaatc ctctctccat	60
gctattgact ggaggaagtt gcttcagcgc aagtaacgagc ctacattcaa gcttagtggtg	120
gcgcagcttc tggacacaac caactttgac cccgaattta catctgaagc gcccgaagat	180
tcttacgtcg acggccccat gctgtcacag acgatgcaga atcaattcca aggattcagc	240
tacaaccgac cgattgctgg acttggagat gctggcggca gtgttaagga cccgtccttt	300
gttggtagct tgacggataa ccgataaate ttgccaaaaga cgggaaggcag aagttagaca	360
gcgagcgggc tcgagtctga actggctcga ctcaactcagg caggacgcca gtctttttgc	420
cagttaaaag agccatgtan ctgggaggcg tgggaaacac tggtcagcca tganaagcac	480
agcacaaaac aaaataagtc tgggaaaate tagaggatgc ngatgaaaat gaatgtaaat	540
aaaaanccta cttttgtttt tggcgtgttn ggagttttg	579

<210> 277
 <211> 611
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 277	
ccgcgcgaca accagccaac cgacacaaatg gccgcgggaa tcaagaagca ccagaagcgc	60
ctcagcgcgc cctcgcaactg gctgcttgac aagctgtccg gcacctacgc tcttaagcct	120
tctgcgggtc ctcaaaagct ccgcgactgc atgcccctga tctgtttcat ccgtaaccga	180
ctcaagtatg ctctcaacta ccgngagacc aaggccatnc tgatgcancg actggccaag	240
gtcgaaggca aggttcgcac cgattccacc taccctctcg gcttnatgga cgtcaccacc	300
atcgagaaga ctggcgagaa ctcccgtnnt gtctacnaba ccaagggtcn attcaccgtc	360
ccacgaatcc agaacgagga ggccgagtac aagctgggca aggtcaagcg tgtccaaact	420
ggtcgcggng gaatccatt nttggtcact cagcatgcac aaacgtgagt tntgtcanac	480
atnattcagc cgggtggatna actttggncg attcaagtc ccacaaagac angagcttn	540
cttaacnggt gtntgtncct cccaaaccgc ttggtnacna aaaatttttt acattcgatc	600
cccgaccctt t	611

<210> 278
 <211> 405
 <212> DNA
 <213> Fusarium venenatum

<400> 278	
gctcgatttg ccaaaagggc tgccttgccc ccggatctgt ctctcaccat caaggcccg	60
caagggtggct gtgactacat ctccagcttg ctcaactggtt accccgagga ggctcccgct	120
gggtttcagg tgcggccggc catgaatttc aaccttact tcccggttac cggtatcgcc	180
atggctcgtg tcttttaaga tggctctgtc gagtatgagg atggaactcc cgcaccacc	240
tctcagatgg ccaaggacgt cgtcgagttc ctcaactggg ctgcgcgagcc tgagatggac	300

gaccgaaagc gaatgggcat gaaggttctg gttgtctctg cctccctgtg ggctgtcagt	360
gtctgggtca agcgatacca aaagtttttg 99999999cc cccc	405

<210> 279
 <211> 999
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(999)
 <223> n = A,T,C or G

<400> 279	
cttcaactcg caacagtgat cggcctctcg ttgcgcaata ggctgtttct ctattttcct	60
an agcttcg agtcccttg gctgggagc ctcttctgt aaaagcgccc gacgagagcg	120
ccccccatcc ccccgccatg aaagttttga agcttcagag gaagtttctt caattccaac	180
aaaacgagat attcaccttg tccgatgcct tccagcgact tgatgttgac gacaagggat	240
accttgacga agctaccgcc atcaaggcca cgcaacagag cgagaaccag cctacgatg	300
tcttacgcca agcgctaaag gaagtgcagc tgcattcatc acgacgtgtt gagctggaag	360
attatgtcag cctcgttgcc aagctccgcg attcctaacc tgcacaaaag cgcattgtcc	420
cagggcctac ttcatacctaa gggagtggaa gaggcgtcgt tgcacagcga accgggtggtc	480
atgcctccaa aggcagctta agcggcaaga tccagggtcca aggtccaat gccaacatta	540
ctcacactat caatgaggat gaggcgactg agttcaccgc ccacatcaat gctgttctgg	600
ctggtgatgc cgatatcgac agtcgtctgc cttccccaca gatacgttcg aaatgttcga	660
cgaatgcaag gatgggtctg tctggcccaa actgatcaac gatagcgttc ngacaccatc	720
gacgaacgtg ttcttacata cctggcagga aatcaagaac cttcaatgcg ttccacatga	780
ggagagacaac aacattttgta tntgatnttg ccaaaagnata ggctgttccg tctgcacaat	840
tgtgcggntg catattgngg cagagagcat ntatcttggn ntgtttggag aatttntacg	900
aggttttttg naanacgaat tancncccc tgggtttccc ctgnttgcag gcnaaaacttn	960
ggagtttttna atacttcggn gaatttctnt ntggttaan	999

<210> 280
 <211> 606
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 280	
ctcgagcagg ccaagaaggc tttccccgac acaacgctgg tcttcggcgt cacaggcgat	60
catgaaacac acaagcgcaa gggtttgact gtcattgtct cgcctgagcg tgccgagacc	120
ctccgtcaact gcaaatgggt tgatgaggtt atcgaagact gcccatgggt cgtcactccc	180
gagttcctcg acggaacaaa gctcgattac gttgccacg acnatctccc ctacgggtgt	240
gaogaaggcg acgatattta ccagcccatc aaggccgctg gcaagttcct tgttactcag	300
tgtnacagagg gcgtcagcac gactggcctc attacaagaa tctgtcgtga ctacganaag	360
caaatgtcta gacagttcaa ggcgggtaca tcccgtcagg aacttaacgt cagatgggtg	420
aagaagaacg aactggacct caagcgtcnc gtccaggacc tgcgagagaa catcacaaaa	480
caartggtrc actactgggc aagaactcgg ccgagactg aagcngttct ggccctgtcag	540
tggtctccaa agccctgccc ggtttaacag ctgggggtac cccgaagga ctcgttcccc	600
tacgaa	606

<210> 281
 <211> 711
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 281
 cgacttaacc ccccttcca acttttctc gatacacata gaaatcttcg aggatcgccc 60
 gacgagaaaa aaatattcaa gatgtcggac gtagaagaca acacccccga ggctcgccgat 120
 gttgttgagg ttccggcgga tgcccccaag ggccagatgt ccattctcga tgctctcaag 180
 ggtgtcctga agctctctct catgcacgat ggtcttgctc gtggtctccg tgaggcttcc 240
 aaggctcttg accgtcgcca ggctcacatg tgtgtcctga acgagaactg cgaggaggag 300
 gcctacaaga agcttggttg cgctctctgc aacgagcaca acatccctct cattcagatc 360
 cccgacggca agcaagctcg gcgagtgggc cgtctntgc gttctcgacc gtganggtaa 420
 cgctcgcaag gttgtcaact gctcttgctg cgttggttaag gactgggggtg aggagtctca 480
 ggagcgatct atctctctga actacttcca gaccgagcag taaatgtctt aagcggcggt 540
 ggtatggagg atgattagag gtggggactt gggttcatga cggcttgaca catacgtgct 600
 gtactctagc cacttcgact ggcattctaaa aagggttttaa ggccttaagt ctcatggcca 660
 ttgagaggaa taaaaaaaaat ttgggcatca tccgaaaaaa aaaaanaaaa n 711

<210> 282
 <211> 2409
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2409)
 <223> n = A,T,C or G

<400> 282
 cgaccccate totatcaatt gatccgtata ccacgatcaa ttggggccacc gttggcagag 60
 gctctttctc taagtcacca atcctcagtc aagatgttgt cgcgagccgc cagaccagct 120
 ctccgagctg ctgttgagc taatgtctcg gccactgccg tccccagcac cgctgctaac 180
 tatcgactc tccgtgagat cgaggaccgt ctcaagtcta tccgaaacat cgagaagatc 240
 acaaacacca tgaagattgt cgctccacc aagctcaacc gagctcagcg cgccatgaac 300
 gactcccgca cctacggaca gacctctaac gaggtttacg agtctgccga gaccaaggct 360
 gtcgagaccg aggacaagaa gaagctcatc attgtctgct ctcccgataa gggctcttgc 420
 ggtgggtatc actctgggtc gtcccgatc gtccgcccac tctntgccag ggtgagacct 480
 togacctcgt ccttattggc gagaaggcca aggctaagct tttccgaacc aacgccaagg 540
 ntattcagct caacttcgct ggtatcggaa angggtgttc ccacctttgc cgacgcccc 600
 agccattgcc gaccaggta tccagctccc cactgagta actgatgtaa agatcctgta 660
 caacaacttc gtaaatgctc agacctacga ggtctctatg attgaggcat tttctgagga 720
 ggtatccag cagtcaccca acttctccgc ttccgangtt gacnacgaag ttgaagggtg 780
 caactctcca gccagagta agtcaagcca agctgcccac ctacatggat agctaccatg 840
 cggatggta atgctctcag agtcgcaacc aagcctgccg acaaaaactgc taaggataac 900
 gctccagga gaacaagcac agtgatatgn tattcaacaa gaaccagatt cttttcaacc 960
 gattcagcat gagatcgacg gaaagcagct caacacttca gagcttgaga aacagttcaa 1020
 gcacgtctac gaggttgccc agcgtgttcc tgctgttggc gctctcacct cagagaaccg 1080
 agacatctgg acggaagctc gtgatactct gctcaaggca agcccgaaaa acaaggacgc 1140
 gctcgaggtc atcgagtcac cctcattcgt ggtttgctt gacgaagcat caccgctcac 1200
 tctcgaggag cgtgcccacc aatactggga cggcgatggt gccaacgct ggtatgacaa 1260
 gctctcgag ttcatcatca acgataagg caagtcttgg attcattggg ccaaacactc 1320
 atgatggaag ggaactccac tcatcgctc aacgaattac gttnaacgat cttatctctc 1380
 ggaaacaaaag ctcgacttct cttgacccca acattccgt caaacctaac cgaacctcag 1440
 ctgctcaagt ttgagatcac ccanguagtc cagacctctt cttcacaaaga tcttccacac 1500
 ccacacacaa aatgtctgct cgtgctctcc gtctgggctc taccgcccc aacttccagg 1560
 ccgagaccac aaagggaaac attgacttcc acgacttcat cggcgacagc tgggtcatac 1620
 tcttctccca ccccgaggac ttcactcccg tctgcaccac tgagctcggg gctcttgcca 1680
 agctccagcc caggttcacc aagcgcaatg tcaagctgat tggctctctc gccaacacca 1740
 tccagctctc caggggatgg atcaaggaca ttggtgaggt taccgggggt aacgttgagt 1800

tccccatcat	tggcgacaag	gagcgcaagg	tttctctcct	ctacgacatg	atcgaccagc	1860
aggatgctac	caacgttgat	gagaagggca	ttgctttcac	catccgatcc	gtcttcatca	1920
tgcaccccaa	gaagaccatc	cgacccatct	tcttctaccc	tgccttcacc	ggccgnaacg	1980
ccgncgaggt	cttccgtgtc	atcgacttcc	ttcagaccgg	tgacaagtac	cggatcacca	2040
cacctatcaa	ctgggtccct	ggtgangaag	tcattgtcca	ccccctccgt	caagaacgan	2100
gaggccaaga	ctttgttnc	tgagttccga	tgtccaagcc	ttacctttga	ttnacccctn	2160
ttgccaagga	gaagggtttc	ccccagtaaa	ttaattatat	tttactacaa	agggacacag	2220
caaaaagcat	gagaanttta	tgataccttg	canatagacc	gaaaaaggat	tgaaaggctc	2280
attgggaagt	tgggattagt	acatttggac	acacatgatg	gaaagaccag	ttttcccata	2340
tagatcattc	acaacttgag	ccatctgcga	ttgctctgaa	atgaagaata	aatgaagaaa	2400
tgaaccaan						2409

<210> 283

<211> 614

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(614)

<223> n = A,T,C or G

<400> 283

cgacaacgaa	acattacgac	tcacgacgct	tgaccaacgg	atcgctccgtc	ttcctacaac	60
ttcgaaacaaa	ttacctaaaa	aatcggcata	atggagtttg	gtaacgctgg	agtgttgaat	120
gaggatggtta	tccatgtaga	tatggatcgt	ctcaagaagg	gagaggtcaa	cctgggaaca	180
tggattatgg	cagttacttt	caaggatggg	gtcattcttg	gtgcggattc	acgaacaacg	240
acgggtgctc	acatcgcaaa	ccgagtgaac	gacaagttga	cgagagtaca	cgacaccatt	300
tgggtgctgcc	gatctggctc	agccgcggat	actcaggtct	tgcgcgatat	tgttcaatac	360
cagcttgggc	tgttcgccat	gaaccaacgga	aaacctccca	tgacacagac	cgtgcggttc	420
aattcttccaa	gaaatttggc	taccccaaca	aggacggtct	atctgpcggg	ctgattattg	480
ctgggttggaa	tgagcgaatc	cgtggccaat	ctactccatt	cctctgggtg	gtctctcttc	540
caaccaggca	tatgccattg	gtggatccgg	atcgacttac	atctatgggt	tactggtaat	600
cccactngcc	aaag					614

<210> 284

<211> 1036

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1036)

<223> n = A,T,C or G

<400> 284

ccgtgatcgt	ccaaaatgog	gttcagttct	atcacccggca	gtttttctggc	gtcgggtctc	60
tttgnogagg	ctgggtttcaa	ccaggggggc	atcaaaagcct	tcaaccgctcc	tcaccctcgt	120
ttttaacnab	aaaaaacccc	acctgtccct	ccaaaagcgt	tttttgaaaa	gagagccaag	180
tttaag	tgaaacaana	ttcagatagg	tttgcactaa	acggatcttg	tattccctgaa	240
gtggatttgc	atgntggaga	gttttatgct	ggactcttgc	ccatctctca	agacctgat	300
gaggagaggg	agttattctc	ttggttcttc	ccaggtancc	atcccgatgc	tgganaagag	360
gtcttgatct	ggttgaaagg	cgccctggac	gtaattcaat	tacgggcttc	tgactganaa	420
tggctccttn	ttgnaggcag	aaggcaactc	ttgctctctg	agccaaactca	tacaggtgga	480
ccaaacgja	caaggctcatt	ttggattgaa	ccagctgtcg	gtgtaggcta	cagcccaagg	540
cgagcccccac	atcaaccaag	aaagtagaac	ccggccttca	attcatttgg	ttgtggcgca	600
ccctttttga	caactttgat	tttaaagggt	ccacaacctc	catcacccgc	gagtccctatg	660
cgggctaacta	tgtcccttac	attgccgaag	cttccatcac	agctgccgat	gatgaactact	720
acaagcttgg	cgggtgttgc	atcaacgacc	aatcatttgc	gatggcacac	ttcagcagca	780
agctgtcabc	ctcccccctca	ttgagtnctg	ggagaagttg	ttctacctca	atgagaacac	840

aatgaatgca	ctccgctgga	cacatcagca	ctgtgggatcg	acaagtatct	tgagaagtac	900
ggacttcccc	ccgcccgaag	gaaattccgt	cctgccgac	ctatctggac	caagaatacc	960
ttgtgatatg	ttgantgggg	tacgcgctcc	ttgacaaaac	ctgcttcaca	tctatcaatc	1020
atgatatggc	ctacac					1036

<210> 285
 <211> 627
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 285						
catcaagctg	gatcttctca	ttaccgaaaa	cctcttctac	gaccgcaccg	caacaagaat	60
ctttgatctc	aagggttcta	tgcgtaaccg	caagatccaa	tctactggtg	agcaaatga	120
ggctccttct	gacgaaaaa	tggtcgagta	catctatgag	tcgcctctct	ttgcaagaga	180
acattcaaag	aaactactcc	gtgcttcggg	atggaaacgat	acactgttct	tggaagaca	240
gaacgtgatg	gattactccc	tcattgattgc	tggtgacgag	gctcgtaagg	agcttgtggt	300
tggtatcatt	gactgcattc	gtacatacac	atgggacaa	aagctcgaaa	gttggatcaa	360
agatcgtgga	tttgacaggtg	gaggtcgcaa	tcgaccactg	ttacaagtc	aaggaatata	420
agtctcgttt	ccgagagggc	atggcaagat	catcttgacg	gcgcccaact	gctggcattt	480
gttcaacaat	tctcaatatt	ccgcactact	attggcgccc	taggttcnaa	aaagcccga	540
atgctttcgt	tgaagcactt	ttttaaagac	anataagaaa	nggggaaaag	cncccatgga	600
agaaagaggg	ttncatgccc	ctcatga				627

<210> 286
 <211> 669
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(669)
 <223> n = A,T,C or G

<400> 286						
actcgatoga	ccctgagcaa	ctggaccgoc	aaagttgccc	atcatgtcgc	tcgtctcggg	60
agagaagtcg	aatttccagt	tcattctccg	tcttctcaac	accaatgttg	acggaaagca	120
gaaggttatg	taagccttga	ccaagatcaa	gggtgtcggg	cgccgatact	ctaacttggg	180
ctgcaagaag	gcgatgtcg	atctgaacaa	gcgcgctggg	gagctcacct	ccgaagagct	240
cgagogaate	gtcaccatcc	tcacgaaccc	caccacgtac	aagatcccta	catggttcat	300
caacccgacag	cgggatatcg	tcgatggcaa	ggactcccat	attcttgcca	acgggtgtga	360
ctccaaagctc	cgtgaggatc	tcgagcgcc	caagaagatc	cgcgctcacc	gtgggtctccg	420
adaactactgg	gggtctccgtg	tcctggttca	gcacaccaag	accaccgggc	gccgtggcag	480
gacccgtggg	gtctctcaana	agaaggggtg	ttaaactatt	tatcgggtgt	ggttatgggt	540
ggaagggtgt	gacgggtggg	ttctccatct	ttctccatct	tctgagggat	ttgctttcca	600
gcatatgacg	ctatggctgt	actctagatc	agagtcacga	atccaaagca	ttcaagtaaa	660
aaaaaaaaa						669

<210> 287
 <211> 778
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(778)

<223> n = A,T,C or G

<400> 287

cgcccccttt	aaattgattg	tctctctgtt	ttccatacta	cttcctttct	tcctcgacat	60
tccatttcat	cacataaaat	cgaaataatg	tctaccgttg	gcaagcccat	tacctgtaag	120
gccgctgtcg	cctgggaggg	cggcaagcct	ctcaccattg	aggacattga	ggttgctcct	180
cccagggcca	acgaggccg	aattcagatc	tactacactg	gtgtttgcca	cacagatgcc	240
tacacactct	ctggcaagga	ccccgagggg	gcttttccca	ttgtctcgga	cacgaagggg	300
gccggtatcg	ttgaattcat	tggcganggc	gtcaccaacg	tcaagcccgg	cgancacgtc	360
gtcgtctctt	acacccccga	atgtaaggag	tgcaagtttg	naagtccgga	aagacaacct	420
tgcggtaaga	tccgagccac	ccaggcaagg	gtctgatgcc	cgatgcacct	ntcgattcaa	480
gtgcaaggca	aggatctgnt	ttacttcatg	ggcacttcca	ccttttccaa	tacaccgncg	540
tcgccgatat	ctntgncgtt	gccattgagc	acgatgttct	atggaccgaa	cttgntgntc	600
gggtgnggaa	taccnccggg	acgggggttg	accataaccg	caacggtcag	gttggganaa	660
cgttgccatt	tttggggntn	ggtgggtcgg	ntrttaaatg	tcaagggggc	cgtgttnnaa	720
ggtggnaaaa	tatctgttga	tgtaacccnc	aaaagggaagg	ggngaaaatt	nggggttt	780

<210> 288

<211> 608

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 288

cttgcttact	gtattgtgca	attcctggaa	aaggacgcat	ctctaactga	agatgttggt	60
attggaactc	tccgttattg	gccccagggt	aacagcacaa	aagaggtcat	gttccctcaac	120
gaagtgcgaag	atatttttga	ggttatggat	cccgcataat	tcnccaaggt	tcaagaacct	180
ctgttccatc	agctggccaa	gtccgtancc	agccctcact	tccaggtggc	cgagcgtgcc	240
ctttatttct	ggaacaatga	gtatttctgt	aaccttgcan	cgataatgtg	gagattattc	300
ttcccatact	gttngctccc	ctctatgana	actcaaaggg	tnattggaac	agaacaattc	360
atgggatggg	ttataatgcc	atgaanctct	ttatgganac	aaccttcaat	tgtttgacga	420
ctgtcccatc	gagtnacagg	aacagcagaa	cagtgccttg	ggccnccaac	ccttcncgag	480
cgtaaatggg	ctgntctgag	tgaaaagcga	accncctaaa	aaaagcaccg	naatgggggtc	540
nttatncccc	tgttaaanac	cctatgcctg	ngtanacaaa	aacaccccc	cccngggaca	600
anttgaag						608

<210> 289

<211> 576

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(576)

<223> n = A,T,C or G

<400> 289

gaagtgtgatg	gtgggctctt	tggagccgtg	agctctccta	ctcaggccgt	caaggggttac	60
tcataaccca	tgggtggcct	ggcgaagaag	ctcgatctct	acgcacaagt	ccgaacctgtc	120
aaaactgtca	tgacccgggc	taagcctatc	gacatgggtc	ttgtccggga	gaacacccgag	180
ggtctctatg	ttaagttagg	acagatccaa	gacactcctg	aggggcaagg	ngatgagggt	240
atcaagcgga	tttcggagaa	gcttcgttcc	gaattggcac	catggctggg	gacatttgctc	300
tgggcgggaa	gaagatccga	gatgcgggtg	cctccagcat	ccacaagtct	cctctcgtcca	360
ccattaccca	caagtccaac	gtctgttccc	agaactgatg	tctcttccgt	ggcacctcca	420
aaagggcctt	ggcgacccca	agttctctcc	cgtctcagtt	gaagancaga	tcgtcgattcc	480
catgggtttac	aagctcttcc	gtcagcctga	agantacnat	gtgattgtcg	cccccaacct	540

gtacgggtgac attctctccg atgggctgcc gccctt

576

<210> 290
<211> 625
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 290
ctcacccctaa ctctgaatct ctcgagatac cccccaatac cctctaactt ttttttacct 60
attctaattct aatcctgtcg aggtttcttct cttcttttca ggacctcgct gctgtcgctc 120
cttctctctt acattcgctg ttctgctaga caacctaac cctcttgctc ttaggacatt 180
cagcttagct tctcaataac ggaatcatga agggactcat tctgtcgggt gggtatggca 240
cccgctcttcg aactctcac ttgagtgttc ccaagccctt ggtcgagttt gccacaagc 300
ccatgattgt gcaccagatt gaggcgctgg tgcagctgg tgttactgac atgctctcg 360
ctgtcaacta ccgaccgag gtcattggaga agttcctggc agagtatgag gaaaagtctg 420
gcattcaacat cgaattcttc gtcgagactg agcctctnga caccggcgga cccctgaagc 480
ttgcgcagcg tattctcgcc aaagacgact cttccttctt cgtctcaac tccgatggta 540
tctgcgactt tcccttcgan ggatcttctg gggctttcac aagaaccacg gcaatgangg 600
gaccattgnc ggtaccaang ncgag 625

<210> 291
<211> 733
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

<400> 291
cttcaactaac ctctgcagtc ggaattgacc aacgtcacaa tgggcccgtct tcaggaatac 60
gaggtcatcg ggccgcactt gccacccgag gctgacctta caccgcacct ctaccgcatg 120
actatcttcg cccctaacga gacggctcgt aagtccgat actggtactt cttgcgcggt 180
ctcaagaagg tcaagaaggc cactgggtgag atcgtcagcg tcaagtcgggt ccacgagaag 240
caccctctca aggtcaagaa ctctgggtatc tggatccgat acgactctcg ttccggcacg 300
cacaacatgt acaaggagta cctgagctg tcccgaaacg atgcctgca gtnctttac 360
tcgacatgg ccgcgcgca cctgctcgc ttcaggctca tccacatct ccgcgtcgtc 420
gagattgaga agaccgagga catcaagcga ccttacatcc gccagctcac ccagaanaac 480
ctgagcttcc cctcccccac cgtgtcacca aggagaacac ccagaagctc ttccgcgcga 540
agcgaccttt cactttcgt taaatgattt cggtttagag gatgggttagg cttctgcggg 600
tgttaaacgg gatcatggaa atatcaactg acttttctta ataaaaatgg gcaatgaatg 660
aacccaaata ttctgagcat acaggatgct ggccgggtgt atgcacaatt gattgggttt 720
ataaaaaaaaa aaa 733

<210> 292
<211> 575
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

```

<400> 292
gaaacttcaa cgggttgacgt tgtgaccggg gtcgatgttc ttgagtatta cgcacatatg      60
gctgctggca gcttccctgg ccagaacacg cgtcttcggg ccgacgcctt tgttctcaca      120
acccatgagc ccttaggtgt ttgcgctggg attggtgctt ggaactatcc catacagatt      180
gctctctgga agtcagcgcc atgcctggcc gccggcaact gcatgggtcta caagcccagt      240
gaggtcacac cccttcacgc cgaagcactc gccaaaatct atatcgaggc ggggtgtccct      300
ccaggaagta ttcaacggtt tgtacgggtg tggatcgcc gtaggagcac ccctcgtggc      360
ccatagtggg cattgctaaa gtgagcttta ctgggtcaagt aagcacccgc agcaagggtg      420
ccagccaagc agtcacagat atgaaggggc ttactatgga nctgggagga aaaacccact      480
cgttatcctg cccgatgccg acgtagaaaa cccggcgaca ccgccatggt cgccaacttc      540
ttctcgaccg gtcaagtgtg caccaacgga accgt

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<210> 293

<211> 636

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

```

<400> 293
gcagctgcaa tgatcttcgg atgtattgga gctgctatg gcacagcgaa gtccggcatt      60
ggcattgctg gtgtcggtac ctttcgacca gatctcatca tgaagtgtct aattccagtc      120
gttatgtccg gtatcatcgc cgtctattcg ctagtcattc ccgtctcat cgctgaggat      180
ctcgaccctt atcagaacta cagcttggtt tcgggtttta tgcattcttg atgtggtatt      240
gcagtcggca tgaactgggt tgcgcgtggg taactgtatg gaattgttgg cgacactggt      300
gtccgtgcct atatggaaca agtccaggat ttctgtcgcc atgggtcctga ttcttatttt      360
cgggcgaagt ctccgtctct acggcctcat tgntgcctcg attctcaaca ccaagagcaa      420
gggttaaatt agacacgatt cgtatcgtaa tcacacacct attcatataa cctttctcan      480
gaggaaccca cgtgtacgtt gagggagctc tgagctggca tccagatcgg ggatnaacca      540
ttggttgtac atcnggcatt gcgtattgga cgtgtacaat atttttcaac gaggtagaan      600
aacaaccgga gaanttgaac gtatctantt tcgaga

```

<210> 294

<211> 804

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

```

<400> 294
cgagaccggg cagacacga catcttcacg aagtaapgcc acactaaccc ttcagacaca      60
atggccaaga tctcgogtgg tgcacctggt ggcaagctca agatgacctt gggctctcct      120
gtgggtgggg tcatdaactc ccccgacaac tccggtgccc gaaacctcta catcattgcc      180
gtcaagggtt ttgggtcttg cctgaaccca ttgggggttg ggggtgtcgg tgcattgggt      240
atggccacgg tcaagaaggg aaagcttgag ctccgaaaaga aggtccaccc cgccttcttc      300
gtccgacagt ccaagccctg gaagtgattc gaagggtgtc tctgttactt cgaggacaaac      360
gcccgtgtta tegtcaaccc caagggtgag atgaagggtt cggcattcac cggcccccgtc      420
ggtaaggagg ctgctgagtt gtggccccgt attgccaaga actccgggtg cgtcatgttaa      480
gggtgttgtt tgcgaaaagg aatcaaggaa agatcaaaag gcttgcgggt cgtgggtggtt      540
gggttttttg tccnaaatgc natcagatag aacggggtta aaaaacatta tcccccttcc      600
caagactcct attctttttt catctgcccg ggtctagggg aaggcgaaaa ggggaatggt      660
ctttttatct actactttta aagtcgctgg attggcccaa ggctcttgcg ttctgggttgc      720
ggcgtgtaag gatgattcac ataccaggca ttcacatcaa ggacaaaana aaagtcactt      780
caaaaggatt ctcccggga aaaa

```


<210> 295
 <211> 392
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 295									
agttttatcgg	ccaacgattt	ggagaacccc	gaaattaaaa	tgcttcaccg	catnaattcg				60
caaaccatc	gntccatgtg	ctaccaattg	aaccgcgcga	ttcgggacag	gnntgagagc				120
attnggtgccc	atcttcctgc	gacaaaatcgg	cangcganaa	accggntgga	tccggagaag				180
tttttccatt	ggcctctgta	cgggtcgttc	caattgctga	tgccctcatt	atgggcggaag				240
ttccctttttg	ttgcgtcctc	aaaataattg	cccatatagg	ttccattggt	gtannagggc				300
gcgcgtttcc	gnaaaggtgg	aatcgtttgc	cttaaaaagga	gtcgaatgat	tgggcacaaa				360
ggtagacaat	caccttgatt	cggttttggt	ga						392

<210> 296
 <211> 703
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 296									
cttcgtcaaaa	gactcataat	cttcaagata	ccaaacaccg	caatcatgtc	tgtecccgcc				60
ttctccgaca	ttgcacaagc	ggccaacgat	ctcctcaaca	aggatttcta	ccacctctct				120
ggcaccacct	tcgagttcaa	ggacaccgcc	cccaacggcg	ttgcctttta	ggtcactggc				180
aagtcacagg	acgagaaggc	caactctgct	gctattgagg	gaaaatacac	cgacaagcct				240
acgggcctga	ccctcaccga	gaactggaac	accgccaacg	ctctcgacac	caagatcgag				300
gtgcgcgaact	ccctcgccaa	gggcctcaag	ctcgaggggtc	tcttcaactt	ctctccctgcc				360
acgggcgcta	agggtgccc	gttcaaacctc	caacttcaagc	agcccggttt	ccacggccgt				420
gctttctctcg	atctcctcaa	gggcctccgtc	gccaacgttg	atgctgttgt	cggccacgaa				480
gggttctctcg	ctggtgcttc	cgctggctac	aatgccaaaca	agntgectga	ctgcttacag				540
cgccgctggt	ggctacgctg	cttcccatat	aagcgctggt	atnaccgctt	tntgacaacc				600
tcagcgtctt	cgccgntttt	tactatccac	aaaggcaact	tttaagggtga	ngctggtggc				660
caaggntact	ggaaacttcca	agacggaaca	cgtttccggt	ttt					703

<210> 297
 <211> 2113
 <212> DNA
 <213> Fusarium venenatum

<400> 297									
tcataaagccc	agtttctgtc	tgagtcctgt	cgggtccctc	ttctctctct	actccctcca				60
attatcgcca	tccacatcga	cattcgccaat	tcacaacctc	accagacaaa	gaagaaaaaga				120
acgactgaag	gccttcgctc	gccatcacc	gattcttttc	cattctcttc	gaacttttgtt				180
tcgttaggaac	aagagccaga	gaactttctg	tcattctttc	gaatttcgga	aggttgatg				240
agaagcttct	ccgcgcggaag	caaaagctgc	aattctggac	ctcgagggaac	gggtcccggt				300
tccttccagc	atcttcccat	cgacatctcg	ggaatccgaa	tcacacacac	agacggttac				360
cgaaacaaaag	atacaggaag	aggttgagat	caaaccccaa	cagcccggaag	cgggacggga				420
aggtgaataa	ttctctgtct	cgtccaccgc	cgaacaggtc	ctctctctct	gtcaagagca				480
agagttctat	gaagaagagg	tccatattac	gggtgaagaa	gaacattacc	accgtcccg				540
tgctccaaaaa	ttcgagcag	aagactttac	tatcgtgaa	gaactccgac	gaactcaacc				600

tccctctcaa	taccaacctt	cccagtagca	ccaaccttcc	cactaccaac	cacctcccaa	660
attccaaact	tctcacactc	acgtagagat	cgacacccac	cgatcatcct	actactccac	720
ccccattgat	ctcgctgaac	gtgaataccg	ccagcggtac	cgccctgccc	aagctttttc	780
cacagaagac	ccttcttccc	actctcatcc	tcactacca	cctcaagaca	acttcaaagc	840
caacaactac	accgttgaag	gcgcacccgc	tccccaatcc	cattcctctg	agaagactga	900
aatcaacaag	tttactgttg	acgaacactc	ctctcgccct	cagtacaacc	acaccgagaa	960
gaccgaattc	aacaactaca	ctgttgacag	ccgatcttcc	cgctctcaat	acaacacctg	1020
tgagaagact	gagatcaaca	atttcaactgt	tgacgcccgc	tcttcccagc	cacggtaccg	1080
cgacaccaag	acaactcaag	tcaacagcta	cgcggttgac	aagcccgttt	ctcgtccatc	1140
ttacaagaag	gacgtgagat	ttactgaaca	aaccgtcgaa	gcttcaaagt	ccgacaagtc	1200
caagatgggt	tactacgacg	acgaggggtc	tttcgcgaac	ggcggcatcc	acaagctcgg	1260
tgacaagtcc	cgcgacattg	aggttgacat	tcgcgagact	tctcgtcctg	ccaatgactg	1320
cgctcccaac	accgtcagca	tcccttgcca	ccacatccgt	ctgggtgatt	tctcatgctt	1380
ccagggccgc	ccctgccagg	tcctccgcat	ctccacctcc	tctgccactg	gccagtaccg	1440
ctaccttggg	ctccacctct	tcaccaagca	gcttcattgag	gagtccttct	tcctctccaa	1500
ccctgcccc	agcggtgttg	ttcagtcctat	gctccgcccct	gtcttcaagg	agtagcggtc	1560
ccctgatatg	caggaggggc	agatcggttg	cttgaccgag	actggcgacg	tcaagcaggg	1620
tctccctgtc	attgaccagt	ccaacctcct	ctctcgccct	cccaacgctt	tcgagtcagg	1680
tcgtggctct	gttcgcgtcc	tcgtccctca	cgacgggtgg	cgtagagctg	ccgttgacat	1740
gaaggtcctc	cacggctctc	gcctgtaagc	gtgttcaact	gttttctgaa	ttcgggcagc	1800
cgcttgcaat	gcgacttctt	cccaatgttt	aattgagtga	agggacagca	ctaccagtct	1860
cacctcaact	gtggggagcg	gggtctgggt	gtctctaatc	ttacctgtac	aatgtcaagt	1920
ttcatagggg	acctgtttgt	tcaagatggg	tcgagttttg	tttgtgtcaa	gattggataa	1980
atgatattgg	ctagctggaa	atactggagt	cttttgtgta	gatgggagag	ttctgtacat	2040
gaactatagt	aattgacaat	tgattccgca	tctcttagaa	aaaaaaaaaa	aaaaaaaaatc	2100
acacctacgg	ccg					2113

<210> 298

<211> 424

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (424)

<223> n = A,T,C or G

<400> 298

caaaacgaac	gaacgaccaa	aaagacagac	cgtaaatatg	aaggttgttc	ttgtgagcgg	60
cgaggtcatt	tcgggtgttg	gcaaaggcat	tattgccagc	agttctgggc	ttcttctcaa	120
gactcttggg	cttcgggtta	cagcgatcaa	aaccgacctt	tacatcaaca	ccgatgctgg	180
tcttctgaac	ccctctgagc	acggcgagtg	cttctgtctc	gatgatggag	gcgagaccga	240
ttctgatctc	ggaaactaag	agcgatacct	cggtatncaa	ttgagccgtg	acagcaacat	300
tactaccggc	aagatctaca	agcaggtcat	tgagaaagag	cgnaggaga	ttatctgggn	360
aagactgtcc	aagtcgggtc	ttacatnaca	aacgccattc	aggattgatt	ggacctgtcg	420
ccaa						424

<210> 299

<211> 510

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (546)

<223> n = A,T,C or G

<400> 299

agctcatgct	cgtcttttgaa	ttcatggatg	gcgatctgaa	gaggtatatg	gacacgcattg	60
gcgagcgccg	tgctcttaaa	ccaaccacca	tcaagtcatt	catgtaccag	ctcctcaagg	120

gtatcgactt	ttgccaccag	aaccgtgttc	tccaccgtga	tctcaagccc	cagaacctgc	180
tgatcaacaa	caagggtatt	ctgaagcttg	gtgatttcgg	tctcgcccg	gcctttggta	240
ttcctgtcaa	cacattctca	aacgaagtcg	tcactctctg	gtatcgcgcc	cctgatgtcc	300
tactcggtag	cgtacatac	aacaccagca	tgcacatctg	gtcagcgggc	tgnatcatgg	360
ctgagatgtt	acgggtcggc	cgtattcccn	gaaccaccaa	tgaagaccaa	atcgtcggaa	420
tttcnataa	gggcacacga	cagangnact	ggcccggnat	taccaattcc	cgagtcgaag	480
ccaaacattc	cataggangc	tactaaggac	ctccggaata	ttttcaaaaa	attggatcca	540
acgggt						546

<210> 300

<211> 540

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(540)

<223> n = A,T,C or G

<400> 300

gccaaaggaga	ggttcgaaaa	ggcagccagg	ttccaaggta	gaatcgctga	gcgcttggtc	60
agtgccagtg	atgactttac	catgtacctt	tgggatccct	ctcagagcac	taagcccgtc	120
gcacgtatgt	tgggtcatca	gaagcaantg	aaccatgtca	ctttctctcc	cgatggcact	180
ctcattgcca	gtgcaggctg	ggacaaccac	accaagctct	ggaacgcccag	ggatggcaag	240
ttcattaaca	cactcggcgg	tcattgtanct	cctgtgtacc	agtggtgttt	ctcagcagac	300
tctagacttc	tcgtcacagc	atcaaaggat	acaacactca	aggtatggtc	aatggcatct	360
cacaagctct	ccaatgatct	accgggtcac	caggatnaaa	tgtacggggt	ggactgggca	420
cgggacggca	agaagantcg	cagtgggtgga	aaggacaagg	cggttcgggt	ctggcaaaat	480
tagaatccca	aaatgggtgt	tgtnactcta	aaagtcnaga	tacccctgaa	gtgattcccc	540

<210> 301

<211> 623

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 301

cttcgtctta	agcaaccgaa	cgtttaatca	acgaattcat	ctcccgacaa	ttcagctcgc	60
ctgtgtttcc	caagtabact	tgttatccct	caacacgacc	ttttctgatt	gatattctga	120
cgtttttcgc	gtcacaatag	tcaagatggg	tagcgaactt	tgcgccgttt	actcgccctt	180
cttcgggtgt	atgggctgca	cctgcgccat	tgtcttcacc	tgtctcgggtg	cctcttatgg	240
taccggccaag	tctgggtgtcg	gtatcgccgc	tatgggtgtc	ctccgcccctg	acctgatcgt	300
caagaacatt	gttcccgtea	ttatggctgg	tatcattggg	atctacgggtc	tctctgtttc	360
agtccttata	tcgatgggtc	tcaagcagga	cttgccctctg	ttcaccagct	tcattcagtt	420
cjgtjctggg	ctttccgtcg	gtcttgctgg	tctcgtgcgc	ggttttcgcca	ttgggtattgt	480
cjgtjatgtt	gggtgtcgaa	gnaattgccc	aacagctctg	tctcttactc	ggaaagaatc	540
tjaatctcaa	ttttcgtctg	aaatccctcg	gctttacgga	ntatttgtgc	tttgtntatg	600
aactccaagg	centgtngac	gt				623

<210> 302

<211> 926

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 302

nncttggttn	ttgtgcattg	naatcttgag	ccttgcaaca	acggatgcaa	cgggtgtggc	60
gcaatgagaa	attcgcgatg	tgggatcaga	gtgtcctctt	taattttttt	ttagtgagtg	120
gagagganaa	ggaaacaagt	caanttga	tggatgactc	gatttttgctg	ataacaagtt	180
ggaaagcgac	accaatcctn	agccaagggt	gaaattccaa	ggcccaaggg	ttgcgggctg	240
ctacttcgtt	gccttttatg	tgaagaatga	tgtagatacc	ggtgataggc	agtacccaan	300
gattanatag	agagagaaaa	gacttttggt	cttttggtct	tgtgaaaaag	ggagctctnc	360
tcancnnnat	tctaaaaant	gaentgcntg	tgatcgcaac	gccttttttc	aaacgcacat	420
tctacaaccg	tcaaaatggt	caagaagaga	aagaacaacg	gccgaaacaa	gaagggccgc	480
ggccacgtca	agcccatccg	atgcagcaac	tgctcgcgat	gcaccccca	ggataaggcc	540
atcaagagat	tcaccatccg	caacatgggt	gagtcgtgtg	ctatccgtga	catctccgat	600
gcctccgtct	tccggagta	cacgcgtccc	aagatgtacc	tgaagctgca	gtactgtgtc	660
tcttgcgcaa	ttcaggga	gattgtccgt	gtccgatccg	ttgtcgcccg	acgcacccgt	720
gcccctctct	ctcccgctccg	ttcaaacaa	gacggcaaga	agatcgctcc	cactaccctt	780
aaggtttaga	tgggttgata	cttgggatgg	agtcgggtta	tgatagcagc	attcaaaaaa	840
tggatgggat	gaataccttt	gggattatga	gactaagaaa	ttccaaaaat	caactggacg	900
acgtttgatg	tctacgcgtc	tttgac				926

<210> 303

<211> 634

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 303

agtaaatega	cgataagggtg	cagttctagg	cttcgtgacc	cattcatttt	gctggattgt	60
tgttcaattc	gagatctata	cattcaacgt	cctgcaaatt	ttcatattca	tcatgtctcg	120
tcccagggat	acgcttgccg	cgcacgtcca	ttatgacgat	accgaagcgc	gaaagtacac	180
gacgagttct	cgaatccaaa	acattcaagc	gtccatgaca	agaagagcac	tagaacttct	240
ggatctcaag	tcaccatctt	ttatcctcga	tatcggatgc	ggtagtggtc	tctctggcga	300
aattctatcc	tctgtcgaa	cggaggatgg	tggtcctcac	acttggatcg	gaatggacct	360
ttcaccatcc	atgctggata	ttgcgctcca	aagagatgtc	gaaggcgatt	tgatgttggc	420
ggatattggc	cagggcggtc	ccttcggagc	aggtccttcg	acgcagccat	cagtatttcg	480
gctattcaat	ggctctgcag	tgcgaaaca	agcgatacat	ncctgtcgg	gccgtcttac	540
ccgcttcttc	aaaggactct	acgcactctt	caagcgtgga	ggtcgagnc	gtctggcaat	600
tctaccccaa	aaacgacgaa	cagggcanca	ttga			634

<210> 304

<211> 474

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(474)

<223> n = A,T,C or G

<400> 304

gtgtctcccc	tgggtgctac	cttgggtccac	aagaacacac	ccacaggagac	tgggtgctac	60
tttgagggtg	gtgggtggcca	catgggctaag	cttcgatggg	agcgcctccag	tgggtctctc	120
ctcaagggtg	acgactctta	caccccccga	gctatcatca	agaactgggg	caaggctcgc	180
gactactcca	accccccaata	tcccacgggc	cccaacgatt	tcttcacatt	gctcagggac	240
tccatgaaga	tgggcccctgc	tgaqcaaggc	qaqaaccccc	acttcaactgg	ccgcgtcgtt	300

cttgtgacag	gtggtggtgc	tggtattggt	cgcatttatg	ctctggcttt	cgccaagtat	360
ggcgcatcaa	tctgtctcaa	cgatctggcc	gaccttaacc	ccgtgggttg	cgaaacaaaa	420
aacttggtgg	caaggccgcg	gtgtnaaggg	ctaactgaag	atggcaanaa	ggtc	474

<210> 305
 <211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 305						
tggagactct	tggcggtatc	gaactgaagc	ctatgcacna	aatcaccacc	gatgagcgca	40
tgcttaccac	ccttgctgtc	gagtaacgag	gtgtcgccga	tccccgtctt	cccgtttgtt	110
ctcgcaaggc	tggtcacctc	ctcgagacat	gtgtgactgt	catggacctc	aaggggtgtc	180
ccatcgccaa	ggttcctcag	gtttacgcct	acgtcaagca	ggcttccgtc	atctcccaga	240
actactaccc	cgagcgtctc	ggcaagttgt	atatgatcaa	cgcccccttg	ggttttctcca	300
ctgtctggag	catcgtttaag	ggctgggttg	accccgtcac	cgtttccaag	atcaacattc	360
tccgatccgg	atacaaganc	gagtcctcca	agcaaatccc	tgccgagaac	tccccaaggc	420
cttcggcggt	gagtgccaat	gtgaggggtg	ctgtgananc	agcgaccttn	gtccttgcca	480
cgaggccgaa	tttgcgccgc	ctgcttggtg	ggagaanaac	angatgcccc	tgtcttgana	540
acaagggctc	tganattgaa	gaacccccaa	ggccctgaag	ccgctcctgt	tgc	593

<210> 306
 <211> 650
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

<400> 306						
cgctatcaca	accaagcctt	tgcacactct	cttccatctc	acagtctttc	agactcacaa	60
ctcccttttt	aaccaccact	cccccaaac	ataactcttt	caaaatgact	ggcggcggca	120
agtctggcgg	caaggccctc	ggctccaaga	acgcgcaatc	gcgttctctc	aaggetggtc	180
tgcctttccc	tgtegggtgt	gtccaccgcc	tcttcggaaa	gggcaactac	gtcagcgtg	240
tgggtgctgg	tgcctctgtt	tacctcgctg	ccgtctctga	gtacctcgct	gcggaaatcc	300
tgcagtttgg	tggtaacgct	gcctcgacac	acaagaagac	ccgtatcatt	ccccgtcacc	360
ttcagctcgc	catccgaaac	gatgaggagt	tgaacaagct	tttgggtcac	gtcaccatcg	420
ccccaggtgg	tggtctcccc	aacattcacc	agaacctttt	gcccagaag	actggcaaga	480
ctggcaagac	ctccagcatg	gagctgtaat	cggtcttttt	tggttctgtt	tttccatgen	540
atggcagggt	gtttcggttg	tcatgacaaa	agggtcacgg	tttaagggtt	tacacgggtg	600
cttttatnaa	nttattcccc	cgtaggggtg	tgaaaatccc	cacgggtttg		650

<210> 307
 <211> 831
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(831)
 <223> n = A,T,C or G

<400> 307

gtcgccaagt	cgatgctttc	cgtgetggat	tctcacaagt	attcccttac	tcagcactca	60
gtgcttttac	acccgacgag	cttgtcacc	tgtttgccg	cgttgatgag	gactgggtctc	120
tagagactct	acttgattcc	atcagggccg	atcatggcta	caacatggac	agtaagactg	180
tcaagaatth	gcttcatact	atgagtgaat	tcaacgcata	agaacgccga	gactttttac	240
agttcacgac	tggaagcccc	aagcttccta	tccgaggatt	caagtctttg	acacccatgt	300
tcactgtcgt	ctgcaaacc	agcgaagagc	catatacgtn	tgacgactac	ctacccagtg	360
tcatgacatg	tgtcaactat	ctgaagctcc	cagattactc	taccattgag	gccatgagga	420
aacaactctc	accgccagtc	aaggaaggnc	agggagcatt	ccacttgtct	tagattgggtc	480
tactttatga	agatactgca	tgagatgatg	ccatgcccc	gtcgaccttg	tttacttcga	540
cgaattaggc	aggaaaaagt	tttcatttcc	cctttattgc	cctgatgaaa	cgatactacc	600
ccccgatgga	ctggaatgat	ggaaataaaa	cangggcgtn	ttatttttgtg	tttacanaag	660
cacaatattg	catggcttna	ggagtggngc	aggactttta	tnttnttttt	tnatgacaan	720
tgctgggtatg	ggcatggcaa	acctttgaag	tnttttccgt	gggtcaatna	gctgggtgggn	780
aaagatgata	tttnaatatg	aaaaaaaaa	aaaaaaaaaat	tctcgcgcc	g	831

<210> 308

<211> 646

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 308

agaacaagcg	agcggagaag	gctgctaagt	ttgetgtccc	attgcccag	gtccggggaa	60
ttgcccagga	agaaatgttc	aaggctcgta	agaccggaaa	gaagatccag	aagaaggcct	120
ggaagcgcat	ggtaaccaag	cccacctttg	tccgaccgga	cttcactcgc	cgcaaccccc	180
agcacgagcg	cttcatacga	cccatgggtc	ttcgtttaca	gaaggccaat	gtcacacacc	240
ccgagcttgg	tgttaccggt	cagctgccat	catcaagcgt	caagaagaac	ccccagaacc	300
ctctatacac	tcagctcggt	gttctgacaa	agggtaccgt	catcgaggtc	aacgtcagcg	360
aaacttggct	ggtaaccgcc	ggtggaaaagg	ttgtttgggg	tccgttacnc	tcaagtacc	420
aaacaaccca	gagaacgagg	gcttgnatta	acaagcgtcc	ttctgggtata	atgcgctcaa	480
caagcgctca	cgcgtgatgt	tgaagagatt	cgtttgcata	agttcgaatg	catgtattgg	540
cgccaaggcg	tttttgggtt	accgcgccaa	aaanaaacaa	ggcgcgtgatg	gtagatgggt	600
ggtaaacggg	ttgattgtcg	actggaagat	tccaagttgt	gatgaa		646

<210> 309

<211> 1133

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1133)

<223> n = A,T,C or G

<400> 309

attttctagg	gaagagccag	cccatccccc	atagcttggc	aatctcgcct	cacacttgcct	60
taatttatga	cgtaacaccc	togaattcca	agctttctca	cgttttccca	gacgttgtga	120
cttcaaatcc	taagatccct	acagcatact	ccaggtccct	gtctccgccc	cgaccaccat	180
catgaagggt	gctttgtccc	tttccgctct	cgcttcagcc	ggcgttggcg	ttgtttgtga	240
ggagctcaag	atcgatgtga	cccttcccggt	tggtttggag	cgcaagacac	agaggggaga	300
ttgggtttaa	atgaactaac	gtggttaccct	caaggtatcg	ggnaagcagt	ttgatgtctag	360
ctacgatcgc	ggtactcccc	tttcccttcaa	ggttgggtct	ggccaggcta	tttaagggatg	420
ggacgaagggt	cttctttgaca	tgtgtattgg	tgagaagoga	atcctgacca	ttccccctga	480
nttcggctac	ggncagcgan	ccattggccc	tatccccgcc	gggtcaaccc	tagtttttoga	540
gacagaactc	gtcgggaattg	acgggtgtccc	caaacccgag	aagatcgaaa	ccaaggctcgt	600
cgaaggcgct	gagttctgctg	ccgaggccat	cagcgagggt	accgaggctg	cccgacacgc	660

ttctgagaaa	gttgcccggca	aggtttgetga	ggccatcadc	gatgctgcta	aggctgccaa	720
gaccattatc	gctgataccg	atgacgctcc	cgaacacgan	gagctgtaaa	gacatgatgt	780
ataacgattt	acttttgca	taccgcaaaa	cgccatgaca	tatcatatca	tccattatac	840
ataaacctag	aaggctggat	aacaaattcc	gtcgacgttg	atgtcatatc	gtgtgcaatt	900
cgatcgagta	gggccccacg	ttgtccttga	gtgacttgtt	ggctgtagat	gcatgactga	960
agatgtagtg	agggtttgcc	atctacctgg	agtgtgattg	aagggtttgt	ttagtcgggc	1020
ttgacgtcat	gatcgatact	attattcttc	cttatccctt	tctgnagaaa	gaaatcgctt	1080
ntagtggctc	taagtgtcca	atcatgatgg	ngggttntgn	caaaatccnt	ttt	1133

<210> 310

<211> 607

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) (1607)

<223> n = A,T,C or G

<400> 310

tgtgtttctt	gagaatgggt	acagtttagt	tcaccaggac	aatgcggccg	atgtcccccac	60
cgtttccgac	ctaagcatgc	agttggagaa	aggcaccgac	gagagcaagg	ttgagaccat	120
gaagcgcate	ttgaccatca	tgtccaatgg	cgatcctatg	cccagtttgc	taatgcacat	180
catcggtttt	gtcatgcctt	caaagtacaa	gctcttcaag	aagctcctct	acttttacta	240
tgagatctgc	cccaagcttg	acagcagcgg	caagcttaag	caagaaatga	ttctggtttg	300
taacgggtatc	cgaaaagcgc	tccaacatcc	caatgaatac	atccgaggaa	acactcttcg	360
cttcttttgc	aagctgaggg	aagctgagct	tattgagccc	ctcctctctt	cggcgagatc	420
ttgcctttga	acacagacat	gcttatgtcc	caaaagaatg	tgtcttcgcc	atctcctcta	480
tttacacaca	ctcgccttct	ctgatcccca	cgcttcagaa	cttattccac	cttctcgaag	540
gananaaatga	cggtgtctgc	cgaccgggaat	gctttgccgc	ctgtctagtn	ttcaacagan	600
gctgccc						607

<210> 311

<211> 1119

<212> DNA

<213> Fusarium venenatum

<400> 311

atcaactgtc	acaatgcctc	tcctacctca	aagcgtaaag	ccccgcgtta	tccttgggtct	60
tatgaccttt	ggacctcccg	gtagtgagaa	gctcgacgct	cgtatctttg	actcggagac	120
cttcaacaag	ggcgttgag	tcttccagag	caagggttac	agttagattg	acaccgcacg	180
tgtgtatgtc	ggtggaaaac	aagaggggatg	gactggtaaa	gagaccaaata	ggaaagagag	240
gggaactcaat	ctcgatacca	aggtaagta	tcccaaggaa	ctctggcgaat	acacctacga	300
caaggtcact	gagtcagttg	ataccagttc	gaaggagctt	ggaaccgact	gcattgatct	360
gctctacctc	caccgctcctg	atcgtgggtgt	tctctttgct	gagacccttg	aggctatcaa	420
caagctgcac	aaggatggaa	agtttgtaaa	ctttgggtatt	agtaacttca	cccggtacga	480
ggttgctgag	gttgtcatga	cctgcaagta	caataactgg	gtccgacctc	cagtttacca	540
gggcgatgtc	aaatgcctca	ctcgttctat	cgaggcagaa	ctctttgttg	cctgcagaag	600
gtacggctct	gatattgttg	tttacaaacc	cattgctggc	ggctttttgt	ccggcaagat	660
ctagtcgagc	gacttcgagc	ctgaaagcgg	ctgcttctct	gacpagtctg	gtatggghaa	720
caatatacga	cagcgttaact	ttagagagag	acacattccaa	ggctcttaac	gttttatcgag	780
cagggcgttg	agaagaacgg	attgagttatg	cttgagacag	cgctgcgatg	gatggttccac	840
cattccange	tgaagatcaa	ggacggcaac	gatggcattc	ttctccgcat	gtccaggggtg	900
gagtagcttg	aggagaacct	ggagatcctt	gagaagggcc	ctcttctctga	cgaagtgytt	960
gaggaacttg	accagcctct	gctgtactcc	aaggacagaa	cgactaattc	ctggcagggg	1020
gagtgaggt	atacttatga	tgtgcacgag	gcttctcttg	gggcacccgc	caagtaaatc	1080
gogagcaggt	agacagtaat	atctatcgtc	tgaaccgag			1119

<210> 312

<211> 587

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

```
<400> 312
cgacgccgaa gttctccgta tcatcacaga agtatttgag ggacttggtt ggaacgggtg      60
atacacgata aagctgaacc acagaaagat cctcgacggg atcttccagg tttgcggcgt      120
gcctgaagac aagatccgta ccatctcttc ggctgtcgac aagcttgaca aactgccctg      180
ggctgatgtg cgcaaggaaa tgaccgagga aaaaggactc gatggcgaag tcgccgatcg      240
aattggagaa tgggttggtt tgaaaggtaa gcaagatctg ctccagaagc tgcagancac      300
cgagaaactg ggcgcgaacc aatctatgaa gaaagggtat gaagatcttg aacttctttt      360
tgactacatt gaagcattca actgcttgya cggggtttct ttgatctca gtttggctcg      420
aagtctcgat tactacacgg gtctcatctc tnaagttgtc nccaagggtt cggctcccg      480
agttaccccc ggncaggaaa aaacaaatcc cagccttcca aagaaaaang gttagaaaag      540
tggcgaagan gaagaccgct ctgatgatcc cctgttggcg ttngaatt      587
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<210> 313
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

```
<400> 313
cgctgggtgt gttatttttg tgcctottat taccatttac ggactgaact ttattgcttc      60
gttcatgtac ctogacccct ggcacatggt cactccttc ccttactacc tggttctcat      120
gtcaacttac atcaacattc ttatgggtta cgcattcaac aactggcacg atgtttcctg      180
gggtaccaag ggttcggaca aggcctgaggc tcttccctct gccacgtta ccaagggtga      240
gaagaacgag gttgtttgtt aagaagttga gaaggagcag gaggatattg acagtcagtt      300
tgagcaaaact gtccgcctgt ctctcgctcc tttcaaggag gaggaggagg tcgaggcggc      360
cgatgtttgag gatggataca agtctttccg aacgggtctc gtctctgct ggttgtttgg      420
aaacattctt ctcatgtttt gcattaccag caccaaactt gacaacctcg gatgggtga      480
acctgcacaa gaacgaaaag cgcattactt ncagttcctt ctgtcgctac tggcgnctc      540
tcggttggtc gttttgcggg tctcttggtg gtcttcgag gactggtant atgtgctggt      600
ttctcaagaa attaanccgg cgt      623
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<210> 314
<211> 652
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(652)
<223> n = A,T,C or G

```
<400> 314
taacctctta cgtttatata ggtttcgccg tcttcagagt cactttgtta ggcctatctg      60
cttttccaac caacccaant ttttgaggag ggcaccacgg aggaqaaggg tyagaatgct      120
cgctttgccc cttttgtttg tgctatcgcc gtggcgatc tegtnaagag cactcttggt      180
ccctangggga tggacaagat tctacagtca gcctccacgg ccgaaatcat ggttacccaac      240
gacggtqcca ccatcctgaa gtcgatcgcc ctcnataacg ccgcgcgaaa ggttctcgtc      300
aatatttcaa aggttcaaga tgaugaagtc ggttacggnn cncatccgt tgcctgctc      360
```


gctgccgagt	tgtaagaga	ggcagagaag	ctggtcgaca	agaagatcca	cccccaaact	420
attattgagg	gttacagaat	agcgagcaag	gctgnattga	aggctttgga	aggctcggcc	480
gtccaccaca	gnaagaaccc	cgaggcggtc	cgccaanatt	tgttcggtnt	cgcgcggaaca	540
acttttaact	taaaagggtc	tcgctnaaga	tcgcacgcag	tttgcccaat	tggtctgtng	600
atgcttgctt	tcccacttaa	gttttcaaac	ctaaaccnnc	ttcaaatnat	ta	652

<210> 315

<211> 559

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 315

ctttctctct	aacattaaat	ggtgttgtgt	tgtcgatttc	ctccatcaga	cacttatcac	60
ttacacgcga	tccaattcct	cgatactcgc	ccacagcctt	caacaaaatt	cacaatacag	120
tcacaatggc	gtcacanaat	atgacgaacc	cttctgttaa	ccctgacatt	gaanacgagc	180
ttttccaaaa	ggaggttgag	gccgtcaaga	cgtggnggtc	cgactcaaga	tggaacacaca	240
ccaaacgacc	ctttacccgt	gaacagatcg	tttcaaagcg	cgataacctt	cctgttgact	300
atgccagcaa	cgcccaggcc	aagaagttat	ggaagattct	tgagcacctg	ttcgagaacc	360
gggatgccag	ttataacctac	gggtgcttan	aacctacaaat	ggtaactcag	atggccaaat	420
acctcgatac	agtataccgt	ttccggtggt	caaatcgctg	tcaacggcct	tttgtttccg	480
acgagcctgg	gcctgatctn	ggctgactac	ccttacacta	ccggttctta	aaaaaggtn	540
ggcatttttt	tattggccc					559

<210> 316

<211> 894

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(894)

<223> n = A,T,C or G

<400> 316

ctttcagctt	ttttttctct	cctcctcaac	ctcactcctt	tctcctcaag	acctcagatt	60
tcttgccaat	accgtcaaaa	tgctccgccc	taacgacaac	gagcatgaga	tgacattoga	120
ttccgccgat	gcgggcgggt	ctctcacctt	ccctatgpag	tgctctgctc	tgcgtaagaa	180
cggtttcgtc	gtcatcaagg	gcgcgccttg	caagattala	gacatgtcca	cttccaagac	240
tggaagagca	ggtcacgcga	aggttcatct	tgttgctaac	gacattttca	ctggcaagaa	300
gtacgaggat	ctctccccc	ctactcacaa	catggacgtc	cccaacgtca	cccgccgaga	360
gtaccagctg	ctcgacatct	ccgacgatgg	tttctctctc	ctcatgaccc	acgatggtga	420
ccccaaggac	gatgttcttc	ttcccgacaa	cgaaattggc	cagaagatca	ccaagctctt	480
caaggaggaa	gagaaggaca	ccaacgtcat	tgctctcaac	tctatggggc	aagagtgcgc	540
tatgaggcc	aggaggtctc	caacagacac	taaatcattt	aaactttgat	ccacgcctta	600
ctttatggc	acttggccct	gaggarctta	atgaaaagat	gctctggatc	aggggatctt	660
ttttgttttt	cttggaacatt	tgggcgcata	atattcatgg	gccatgggta	ggcgtcgtgc	720
aaaaaggatt	ctctacctgg	acagggttgc	ctgcttttta	tgatatacgg	aaactcttta	780
gcaccccgag	cctcaggctc	gaaaatgttt	tcctttgggt	cctggctttac	aagctgcgaa	840
taccatcatg	tcaccgatac	cgtagcagca	attaaatgac	gaaaaanggg	agag	894

<210> 317

<211> 884

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

<400> 317
 caaccgacca agtcaaaaaa aatthttgagg tatgtatgac ttacgcttgc agcgagtcga 60
 atcaaaaaaa ggatgatgcc ttccaccatg gcaaaagggt agcaatcgag ggtattgtcg 120
 tcaaccgtga agaaaagacc gatcttttca acaaggggcg gaaatactta tcacaaactg 180
 gcgactgtat ccttgatacg cttctcttca gcaactggcg gcagaaccct cgcgatcgat 240
 cggttgagggc actttccagt cttcatcaac ggcccnhna agtcaaaaaa aatthttgaga 300
 tacctcattt ccccgctccg acttgagaat ctctcaaaa caccgcaaaa atggctccga 360
 cttccgtcct ccacgatgcg cttaacgcca tgaacaacgc cgagaaggct ggcaagcgcc 420
 aggtcctgat ccgaccttct tccaaggcca tcatcaagtt cctcactgtc atgcagcgac 480
 acggctatat tggcgagttc gaagagatcg acgatcaacg atccggcaag atcgttgttc 540
 agctcaacgy ccgtctcaac aaggctcggg ttatctctcc ccgtacaaac gtcggctctt 600
 ccgagctcga gaagtgggtt gtaacgtgc tccctgcccg tcagttcggc taagtcaccc 660
 tcaccacctc ccgcggtatc atggaccacg aggaaggccg ccgcaagcac gtctctggca 720
 agatcattgg cttctcttac tagaaagggg cgggaaacca atcaaaaagt gatttaaaaa 780
 caaacaggca ttctcggcgt taaggaggat gatgactagg accgatgcga ttatatagcc 840
 aaqttgcttg tcgcacacgc gaacatacca attgatactt ttga 884

<210> 318
 <211> 597
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

<400> 318
 tgtaaacgct gcagctctgg agatgcctac gcaatcacca cccacaacgg agatggattc 60
 tcttgccgct ggattaacac ctacgctcag cgctggctct gaagagattc agctggatgt 120
 tggcaacatg gaccttgatt tcatgcaggg ccattgatgag tttagctgga acgctgtggc 180
 cggaaactgat ttcgacgttn accagtggct ccagttcccc cccgagggcg tcaacaacca 240
 agaacgacaac ttgatcgctg gcgtattggg cgttgaagag cctacaatgt ctgccagca 300
 agctctgacc tgggcccata acgctgagac agacgtagca gctcgtcagc ctgaaaaccg 360
 cgacattacc cgcctggcat agancctcaa agttcgtgct gctatattca cataatgttg 420
 gatgtatcac tttttggatt gggcgtcata tttagttctt tegtgttata tgggtgtacat 480
 gctgtactg cattanaaac gggcgttttt tgaacgngg ctccgaacct aggtggcggt 540
 tgtttttttt tctggcgtgg aaacaamngg tttgtcttgg atatgggttg tgtttct 597

<210> 319
 <211> 574
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 319
 cccatgtttc taggcaagga tgacattcag ttgggtgtga acgaatcaact ctatgacact 60
 tcaaaaggcca tctcatccat gacttccctg atgggtgtct gggtaggacc tcattctgat 120
 gtgcgtactc tggccaagca ctcaagtgtc cctgttatta atgctttgtc tgatgatttc 180
 caacctctcc agactattgc cgacttccct actctccacg agactttccc ttcattcaagc 240
 tccaaggagg ctactctggg tctgaacggt ctcaagggtg cctgggttgg cgatgccaac 300

aacgtttcttt	tcatctctgc	cattggctgc	gtcaagatgg	gtggtgatat	ttcaagtcgc	360
tgctcccaag	gatatgaaat	ccccgaaact	atgaggcact	catcaccttc	gttggcgacc	420
ggggtttctt	tgcccggaag	cttatcgaga	ctaattgtnt	gaggaggccg	caaaggatgc	480
caatgtcttg	gcacggatcc	atgggcttca	tggccagaaa	cttgtntcca	aaancgttta	540
aggactttnt	ggatccaaat	ncaatgacct	ntta			574

<210> 320

<211> 590

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 320

atctggctcg	aggtgcttaa	gaaggagggc	actattcaca	acgtctgatt	ccctgagatc	60
catgagggtg	atgcttccct	atcggcgaag	cgcgactacg	tgcgaaacac	tgcttccaac	120
attaactcgg	ctgagggtca	tcagttgaag	aaaaaagcca	aggggcaagg	agacatcatt	180
cgaccccaag	aagcccaaga	agctcacgat	ctttgtcgcc	gacaagttcc	ccgcatggca	240
ggccaagtac	attgaccttc	ttaagggaga	tgtggaacac	cgagaccaag	tcngtcaacg	300
acaaggaact	caacggcaag	attgcaagat	gggagagatg	aaaaaagcca	tgctttttgt	360
gcagaacctc	aagagacaac	tccaggctgg	cgaaccggca	agcgcgggtg	tgagacaaaa	420
gcttgctttc	gacgaaaaag	gagactctcc	tgcaaatggt	tcctggactg	aaaccaactg	480
gaagcctggc	tgtttgcgaa	atgatctcag	tagancaggg	aactccaaag	ggcgttttct	540
tgacgggatgg	cgataaacia	nttganatct	cagcacctgt	tcgagaacac		590

<210> 321

<211> 478

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(478)

<223> n = A,T,C or G

<400> 321

cgactggngg	gtttccaagc	atctgaagaa	gcctatccgc	agcaccatca	ccagtgttgc	60
ctggcacccc	aactcggtcc	ttctggctgc	tggatctact	gatgctcatg	cgcgagtctt	120
ctccgccttc	atcaagggtg	tggatgctcg	ncctcctcct	ggagtgtggg	gcgagcgtct	180
ccattccaac	accgttttgc	gagagtatct	gaacaactcg	gctggatggg	tgcaactcgt	240
ttctttctct	cccagcggag	atagtcttgc	ctttgcagct	cacgacagca	gcatactgtt	300
tgttttacca	tctggccccc	aacagccccc	tcgtgctgtt	gttaccgtct	ctactcagca	360
gcttcttttc	aagagcctga	tctggaccag	tgaagatgan	attatcgctg	ctgggttacga	420
ttgcgaggct	ttccgcttca	agggtgatga	ggcgggctgg	caattaactg	gtcctatc	478

<210> 322

<211> 682

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 322

ggccactggc	caggacccctg	ctcagggttg	cgagagcgcc	aactgtatca	ccatcatgaa	60
------------	-------------	------------	------------	------------	------------	----

gaacctcaac	ggagctctcc	aaatctctgt	ttccatgcct	tctcttgagg	tcggaaccct	120
cggtgggtggt	actatccttg	agcccccagg	cgccatgctt	gatctcctcg	gtgtccgagg	180
gtctacccca	ctaaccctgg	tgacaacgcc	cgccggctgg	ctcgcatcat	cggtgcctct	240
gtccttgctg	gagagctgtc	tctctgcagt	gctttggctg	ctggtcacct	tgtcagagct	300
cacatgcagc	acaaccgaag	tgcgcctccc	tctcgcagca	ctactcccgc	ttccatgaca	360
cccggtctat	ccatgaccac	ttcgggggtc	acaacatcaa	tgagcgctgc	tggcatccag	420
aggtcaaagc	gataaatgac	gagcgtttgc	atcttggaagg	agtagtttga	cgaaagtgtt	480
aaaagaatag	agatgagcat	gtacgacata	tgggtctggga	tggatgatgg	gtcatacaac	540
atgggaggtt	ttttcgcatt	gggacattct	ggaaaggctc	ggcaaagggg	tacatacata	600
tacaagtcgt	cgnaaagatg	cnaaatattg	gtangcatgg	agtttaatac	cgctncaata	660
gtcaatttna	ntcctttttt	gt				682

<210> 323

<211> 587

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 323

gatacccaaa	tcattcacia	tggtcccaaa	gatcgtatc	gtctactact	ccatgtacgg	60
ccacatdaag	cagttggcgg	aggttgagaa	gccggtatcg	agaagctggc	ggtactgccg	120
acctcttcca	ggtccccgag	acctccccg	aggacgtcct	cgccaagatg	catgctcctc	180
ctaagtccac	cgaggttcc	acctcgaag	acctttccat	ccttgagggc	tacgatgcct	240
tctctcttgg	tatccccacc	cgttacggaa	acttccccgc	ccagtgggaag	ctttctggga	300
caagacgggc	aagcagtggg	cttcgggtgg	tttctggggc	aagatggccg	gtatcttcgt	360
ctccacggcc	tcccagggtg	gtggtcagga	gaccactgct	cagaacgcca	tctctacct	420
caccacccac	ggcatcatct	acgttcctct	cggttacgac	aaggctttcg	gtacctgact	480
gacctctccg	aagttcggcg	tggtaacnct	gggggtgccg	gtaccttcnc	tgggtggtgat	540
ggttccgtca	acctcgggac	aaggactcaa	cttgctcagg	tcangga		597

<210> 324

<211> 360

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 324

aggttgagcg	cgaaaccttg	acagctcctc	ctcaccacca	caacaacaac	cgctcatcacc	60
cttaactttgg	tcacgggaatg	cacagctctc	gaggccacct	gcctacgctt	tctttctacc	120
atatggctcg	ttctcactca	ggcgacgacg	acnaccacta	ctccggtctc	atgcgccatg	180
ctaagcgctc	aaggcctaac	tcccctaact	ccacagctcc	ttcatcacc	acattttctc	240
acgactcctt	gtcacctaca	cctgaacaca	ccccaatggc	cacccctgat	cactctcttc	300
gcctangjcc	ttttcttggc	tacaaactgc	taattctccn	aaacctctcg	cttcaaaaaa	360

<210> 325

<211> 623

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

```
<400> 325
aagaactctc ctgtttcttca gctaaacgct cgcaactatg ataagatcat tgcaaagtcc      60
aactacacct ctattgtcga gttttacgct ccttgggtgtg gtcactgtca gaatctcaag      120
cccgtttatg agaaagctgc caaaaacctc gatggccttg ctcaagttgc tgcaattgac      180
tgtgatgatg acgccaacaa gcagctctgt ggctccatgg gcgtccaggg ctttcccact      240
ctcaagattg tccgccctgg caagaagtct ggtaagccca tcgttgagga ttaccagggc      300
cagcgaactg ctggtgctat ccaggagget gtccctgagca agatcaacaa ccacgttaca      360
cgtgtgagtg acaaggacct ggactctttc cttaaggggtg acaaagccca agntgtcctg      420
tcaactcaaaa gggactctag tgcgcntatt cgaacatagc nttggctttc tcgatgncat      480
ctctgnngggc agaatcntga taaggaancc gtgctgtaaa aggttggcat tganaagttc      540
cccggtttng gtctgatcct ggngaaggaa ggnccnttgg cnttacggga naaggccaaa      600
aggcttgga anttctnctt aac                                     623
```

<210> 325

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

```
<400> 326
atgggttccg ctctcatgtc cctccagaac cagcgccccg agatcggtac tcagaagatc      60
gatgagctcc ttgcgcgtgt cgcgcgagtg atccctacc ccgagcgtga ccttgacaag      120
cctttccctca tgcgcgttga agatgtcttc tcattgtgtg gccgtggtac cgtcgtctct      180
ggcgcgtgtg agcgttggtat cctcaagcgt gaccaggaga tcgagcttgt cggtaagggc      240
caggagggtta tgaagaccaa ggtaaccgat atcgagacct tcaagaagtc ttgcgagcag      300
tcccaggctg gtgacaactc cgggtctctc atccgcggtg tccgcgcgtg ggatgtccgc      360
cgtgggtatgg tccgtctgcg cccctggcac tgtcaaaagtc tacactcagt tctcgccttc      420
ctctacgtc ctcaccaagg aggagggtgg ccgacacact ggttttcang agcactaccg      480
accagctat accttcgaac tgctgatgag tcgatcgacc tgacctttcc cgagggtacc      540
cgaggatgcc ttcagcaaga tgatcatgcc cggtgacaac accgagat                                     588
```

<210> 327

<211> 658

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

```
<400> 327
gaatccgctc gccccagcgg caaatcgctc attctctctc ttacttcctt tgtttctcta      60
tatgtctctg ccttgcaaaag taacacaccc gccctctctc aactccatct tttctctcat      120
tccgcgcgtg cggcgcgtct tgggtgttgg ccttccaatc cggtttactc ggcacttgcc      180
ttgcatcacc tgaattttc gacaaactcg ctcgagcaaa agataatada ggaagtgcac      240
ctcaaacgct aattacacat ggtgcgcaac acaaaagtcc tacgagagta caagctcgtc      300
cctgtcgggtg ggggtgggtg ccgtaaaatct tgtttgaaca ttcagttgat ccagaaccac      360
tccgtcgcag aatatgaccc tacaattgaa gactcgttcc gaaagcagtc cgttatcgac      420
gaaaaagtgc ccttgcctga tgttctcgac acagctggcc aggaagaata tagcgccatg      480
cgcgagcagc acatgcgaaa cggaaaaagga tttctctctg tctactccat tacttcgcga      540
caaaagcttc gaagaaatca ccacattcca acaacaaaaa tctgcgaate aanggataag      600
gactacttnc ccattggncg ttggtggcaa caagtgcaca tttggaaggg gaaccaat      658
```

<210> 328
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

```
<400> 328
ttggccgatt ttggcgctct aggtcagctc tcagcaacca tgaccaagaa gaacactttt      60
gtcggaaacc ctttttggat ggccccagaa gtcacaaagc aatctgggta cgaccacaag      120
gctgatattt ggtctcttgg catcacggca cttgaattgg caaatgggga acccccttat      180
gctgatatto accccatgaa ggttctcttc ctcaccccca agaaccctcc accacggctt      240
gaaggcaact ttaccacaggc ctttcaagat tttatcgagt catgtctgga gggggatccc      300
aaagacagac caacagccaa agaaatgctg cggcaccgat ttattagagc ggcacaaggg      360
acaacgtacc tgactgagct catcgaaaga cactcgctt gggcagctgc gcataagggc      420
gaagatgatg ataactggga atctgtccac gatggccgac ttcccgtgta acgtgagcga      480
atcnatgaaa anatgttggg ttttggcacc gtcagacttt tcngtgaacg aaggggtntt      540
gtttaacgaa caagcctcaa taccctggat ganaatgcaa caaatgctcc c              591
```

<210> 329
 <211> 613
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

```
<400> 329
ctctaatgca ctcgagaagc aactggaccc agcaaatctc tccgagagag accgtgtcag      60
catatccgcc gaacctcgag acttcagctt ccgcaattac gtgggctatg ccatctatgg      120
gcccccttac ctggccggac ctattattac gttcaatgat tacatctcgc aatcaaagta      180
ccgatctgcc agcattgaga caaacccaac tattcgctac ggtatacgtt tctctctggg      240
gctgctgtcc atggaggtca ttctgcacta cgactgggtg ggcgcaatca gcaagggaaa      300
gcttgattgg agttcttaca cggcagcaca gctatctatg ctgtcattca tgaacctcca      360
catcatctgg ctcaagctcc tgctccctgg cgaatgttcc gactttgggc attggttgat      420
ggaatggacc cgcctgagaa catggtccgt tgtgtaagca acaactacag cagcgagctn      480
ttctggcgag catggnaccg ctcgtaaacg gatgggtgat cangtcattt acattccctt      540
ttggcgggtc atcggtncgc aactggggaa ccactgggag actatcttga cctttctcat      600
gggggttacc ttg              613
```

<210> 330
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

```
<400> 330
cttacttttg aggattcaag cgaccgttaa tttattctca aaaatgtctg caccggccgt      60
ggttcttgca tctgcagcag gtgcttccag caatgctact tttcgtgata aggagaagcc      120
catggcgggt cgtctctcca acatcgtcgc tgcccagacc gtcgccgatg cgtcagaac      180
ttccctcggt cctcgaggta tggataaaat gattcgaggt qgaaaaggcg aaactatcat      240
```

caccaacgat	ggaaacacta	tgtgaagag	catggctgtc	atgcatccca	cggcaaagat	300
gcttgtaaac	ctttccggtg	ctcaggatgt	cgaagctggg	gacggaacaa	cctctgtcgt	360
cgctatttgt	ggcagttctg	tcgggtgtgc	tgaccgactc	ctctccaagg	gtattcaccc	420
ttccgttatt	tcggantcgt	tccaaagact	gccgccgctg	ccgtcgaagt	tcttcacgat	480
atgtcccttc	ctatcacctt	tagcgacact	tcttcgcttc	ttcaagccgc	caacacatct	540
ctgtcatcca	agatttgtgc	acaatatctg	aacctgtctg	gaaccatggc		590

<210> 331
 <211> 668
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 331						
cacacaccca	cttcagcctt	ccacccccac	aaccatcaac	acaacaacaa	caactttcta	60
catcatatca	atcatcaaca	atggctcgca	ctaagcaaac	cgcccgaag	tccactgggt	120
gcaaggcccc	tcgcaagcag	ctcgtttcca	aggtgcccg	caagtccgcc	ccctctaccg	180
gtgggtgtcaa	gaagcctcac	cgctacaagc	ccggtaccgt	cgctctccgt	gagattcgac	240
gataccagaa	gtccactgag	cttctcatcc	gaaagctccc	cttcacagcg	ctcgtccgtg	300
agattgcca	ggacttcaag	tctgatctcc	gattccagtc	ctccgccatc	ggtgctctcc	360
aggagtcctg	tgagtcctac	cttgtctctc	tcttcgagga	caccaacctc	tgccgccatcc	420
acgccaagcg	tgtcaccatt	cagagcaagg	atatccagct	tgcccgcgcg	ctccgaggcg	480
agcgcaacta	ancgcttggg	gtgatggaag	gataacgaat	tttttgcttt	gacacgangg	540
aatatcatgg	gtatggggat	aatcaaggcg	ttcactagga	acatgtttta	tacacangct	600
tgnacactaa	atggcaagcg	agtttagctg	ccctttcaca	atcgacaaa	aggtctttta	660
tngttttt						668

<210> 332
 <211> 1027
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1027)
 <223> n = A,T,C or G

<400> 332						
ctagaccctt	ctttgaactc	cgaccaacgc	tctcagcacc	aaccttttag	acttcgcgcg	60
cgcaaccttt	ttcaggttaa	ctttctcttc	gacttgctaa	atatataaga	aggactacag	120
cttgctctct	gttgctctgt	ccaagatctc	ctcttagcag	cgcatacgac	acagcccacc	180
ttgggcccc	acgttcataa	tgttgaagat	atggctgatg	aaaaaggagc	agaaagatgc	240
agagaacgct	gaagggtcaag	cttctggcgg	taagaagaag	aaggngaccg	cagcccagtt	300
ggcggtgcaa	aaggatcttt	cagaactttc	ctcggtctga	cgatgaagac	agagttcctg	360
atcttgacga	tattctcaac	tttgctctta	ccatcgaccc	tgatganggc	atgtcccgaa	420
acngggcggt	acattcgact	ttaccattna	ccagaacttc	cccacgagcc	ccccaaattt	480
cgatgccgag	aaaagattta	ccattccaac	atcgatcttg	aggggaaggt	gtgcttgaat	540
attctgcgag	aggactggaa	gcctgtgttg	aacttgaacg	cagtgattgt	tggcctacag	600
ttcttttttc	togaacccaa	cgcacgggac	ccgttgaata	aggaggccgc	tgaggatcta	660
cgaaacaacc	gggaaggcct	caagcgcaat	gtgaggactg	ctatgggagg	tggagtgggt	720
aaaggcaacga	attacgacag	ggtctctcaa	tagagagcgt	gcgaagaagc	gaataccaac	780
acgattttgg	gatgaacaac	tacggaggca	aagagcccaa	tcggggatct	tgagatgata	840
gaacgacttc	aatgagcgtt	ttgatacgac	gaacgacatc	atcggagacg	aaagagcatc	900
acgtggcgct	ctatgggtct	ataatccgga	caggctttgc	ttattatccc	caaggcgttc	960
tatgtatggc	ttgatgangg	gtgtgtcttg	ttgaanaatc	ggacggaggc	ggggtagaat	1020
tggagat						1027

<210> 333
 <211> 799
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 333
 caaacatcct cggaatata gntattaata acacagtatt cgtcaacaat natgtcaaca 60
 ataacccctg atgcgcttca gtcgggacag gctcctgtta ttcccttatc cttcaatggg 120
 aaccagcccg agaagggtgac gctctaccog ntttccaact acacatttgg tgtcaaagag 180
 actcancocg agggaggatcc atcagttatt gctcgcttaa agcgactega ggagcactac 240
 acagagcatg gcatgcgcgc taegtgtgaa ggcattctcg tctgccatga aaacaacccac 300
 ccgcacattc tnatgctaca aatcgcaaat gccttnttta agctcccagg cgattacctg 360
 cgccccgaag atgacgaaat tcaaggcttc aagtcgcgac tgcacgagag attggcacc 420
 gttggtcggt tgggggaggg cgaaaaagct ggcgactggc aaagtaggcg actgcttacc 480
 ccagtggnng aggcccaact ttgaaacatt tatgtatccg ttcacccctg cgcattgtgac 540
 caagacccaa aggagtgcaa aaagctttat ttnattcagc tgcccaanca aaaggttttg 600
 agcgtcccta aaaacatgaa gctccttgcc gtcctctctc tcgagctcta cnacaatact 660
 gcgcgatatg gccccagct ttctgcgatt cctnatctgc tgagccgata taactttgag 720
 ttgnggaca anaatggcaa cgttggttgcg gccactccan gttctgcnc ccaaganggt 780
 tttgtcccca cacaagtg 799

<210> 334
 <211> 800
 <212> DNA
 <213> Fusarium venenatum

<400> 334
 cttcatccaa catccatoga ggacccggcc gtcaccacta acgacaatca agatgggtcaa 60
 cctgcgaact cagaagcgcc tggcctcatc ggtcatcggc tgtggcaagc gcaagatctg 120
 gctcgacccc aacgagcaga gcgagatctc caacgccaac tctcgtcaga ccattccgaaa 180
 gctcatctcc gatggcctca tcatccgaaa gcccgctacc cagcactcgc gatcgcgagc 240
 ccgcgagctg aacctcgccc gacgagaggg ccgacacogt ggctacggta agcgtaaggg 300
 taccgcgatg gctcgatgc ccagccaggt cctctggatg cgcgcctcc gagtcctccg 360
 ccgtcttttg gtcaagtacc gtgccagcgg aaagatcgac aagcacctct atcacgagct 420
 gtaaccacag agcaagggtg acgccttcaa gcacaagcgt gccctcgtag agcacattca 480
 cctgtgccaag gctgagaagg ccgcgcgagc tgccctccag gaagagatgg atgccaaagc 540
 tgggaagaa aaggctgccc gtgagcgcaa gtaggagcgt ggggtggcga agcgaaatgc 600
 cctccttgcc gaggaataaa tgtaagccca gtggacaacg acaacatttc ggtcttagga 660
 ggaggttgca tacggagtct acgggttggg tcttttttta tgcccttctg gtttctacac 720
 ttgtaccggg ggggttcagg catgtagcat tgaaaatgga atcgatgatg ctcggtgct 780
 cggatgtttt ccatttta 800

<210> 335
 <211> 763
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 335
 cccatctttt gctcaatat ccctcgctcaa attttcacgc tttgtgtcgg tcaaggcggt 60

ttgcgagttt	ggagacaatt	ttttcacttc	catttgtctt	tttcctccgt	ctctctttat	120
cttgtacett	attgcttctc	cggtttcacc	ggctgactcg	gccagggttt	ttgtgaggtg	180
catctatcca	tctgctatca	tattccactc	gacaagttac	ccccgcagtt	gttctgatta	240
gcgatcttga	ctgccgcctt	ctctctcccc	cacgcgaccc	tcctctcattt	ctaccgcggg	300
ctcgtctctg	ccagcaaata	ctctcgaaat	ggcagacca	cacgaggtcg	atctcgactc	360
cataatcgac	cgcctactcg	aggtgcgagg	cagccggcct	ggcaagcaag	tccagcttct	420
tgaagctgag	attcgatacc	tttgcaacca	ggcccgtgag	atcttcattt	ctcagcctat	480
ctctcttgag	cttgaggctc	ctatcaagat	ctgnggtgat	atccacgggc	agtactacga	540
tcttnttcga	ctnttcgagt	acggggggctt	nccttctgan	gccaaactacc	tntttttggg	600
tgattacgtc	caccgaagaa	agcaatctct	tganacatct	gcttgctcct	cgcctacaan	660
atcaantacc	cgaaaactct	tcatecttcg	aagcaaccac	aaatgccctc	tatcaaccgt	720
atztatngat	ctacaanaaa	tgcaangtcc	tataacatcn	agc		763

<210> 336
 <211> 657
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

<400> 336						
catcgccgtc	cgttgactcc	gaaaagcttc	aaagctacga	ctccatcacc	catcgctccc	60
tgggttttcc	gaccaccatt	tttgaccgtc	aatctttcac	ccgcaagaaa	gatttaattg	120
caatatttca	aaatggctgg	cgtgcacga	gccctcggtt	tcattgtaccg	catggcggn	180
ccgcctcag	ctgctgtctt	cctaggcagc	caggctctat	acgacgtcaa	gggaggaact	240
cgggctgtta	tatttgacag	actgtctggt	gtcaaggagg	atgttatcaa	cgaggggaacc	300
catttctctc	ttccctgggt	gcagaagagc	atcatcttcg	atgtaagcac	caagcccagg	360
aatatcgcaa	ctaccactgg	tagtaaggat	ttgcagatgg	tcagcttgac	actgagagt	420
ttgcaccgac	ctaattgcaa	ggcccttccc	aagatctacc	agaacctcgg	tgctgattac	480
gatganegag	tcctccctcc	tatttgtaac	gaantcctca	aggccattgt	cgcccaattt	540
tgatgccgca	aaactcatcc	ccacgagang	gtgtttccac	cgtnttcgna	acaaccttac	600
ccttcgngcc	ggcgaattna	aaatngccct	cgangatggt	tcatttncca	catgacn	657

<210> 337
 <211> 658
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 337						
ctcgaaatcc	accagagatc	gcgaatnttt	ctcttcagcc	cgttaacct	cagctcgcca	60
acagactcaa	gacaagacac	ctgtagtcac	gtccagtcctc	gacaacacaa	gtcaattttt	120
ttaagatggc	tcaccccgga	tctcagatct	ccaagaggag	aaagtctctc	gttgacggg	180
tctctacgc	cgagctcaac	gagttcttcc	agcgcgagct	cgtgaggag	ggttactccg	240
ggctcgaggt	ccgctgcac	cccacccgtta	ccgacatcat	catccgagcc	acccacaccc	300
aggaggttct	cggcgagcag	ggccgcgcga	tccttgagct	ccctcgcctc	atccagaagc	360
gattcaagtl	cccccagaa	tcctgtcttcc	tctacgcgcg	caaggctccaa	gaacccgtgg	420
ctctccgtgc	gctcagtggt	gagttcttcc	gattttagct	ttttaacagt	cttcccggtc	480
gacgngccct	ctntggggct	ctccgtttcc	tcattggagt	cgggtgcacg	gggttgagg	540
ttgttggttt	cggtaagctc	cgtgctgccc	gtgcbaagtc	catgaaatto	acccagcggt	600
tcattgaatca	ctctgggtcag	cttgcccaagg	acttcattga	acacgccacc	cgtcacgt	658

<210> 338

<211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 338
 cttggccttg aagctgcgct cctttggctg tttctcttcc ggattatcgt cgacaaccac 60
 tttgtcatca acctttgggt cgtcgtcaac aactaggcgt gtgaatggct tccgccagaa 120
 gctccatgcc gatagcccaa gtgctttcgt aactgaatgc gttgaactcc atcctagtgg 180
 caagactgca atgacctgca gccactacgg cataacttgc actgatatta cccatcaggg 240
 gggtcaaggt caatgtcggg gataanggtg tcccttgggc gtgggtaacg tcgcgaatcg 300
 tgttcccaag ctgattcttc ctgaactatt cagcgtggcg taatagatth ctccaccagt 360
 gctaaacggc ccgtagactc tctccctatc aatgtctgca ngggcttgggt ctccgggtt 420
 ctcaacatca ccgcgcgaat tatatacacc cctgaagcgg aacaatcttc catctgaaga 480
 ngccaaanct teganccggt actgccacg tcatattgtg ccaatccan tactgtgccg 540
 cccgtttctta angtgctgtg canaaacaca ctgaatt 577

<210> 339
 <211> 662
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(662)
 <223> n = A,T,C or G

<400> 339
 tttcttttca ctcaagaaga cgatttgacc atacatacca catctacaac gctgtaccca 60
 gctcccttca aactctttct ataccacta acaagccaac accgacataa tggctgacac 120
 cggctcttct gctggctggg aggtccgaca ctccaaactcc aagaacctcc cctactactt 180
 caactcggcc gaaaagctgt cgcgatggga accccctccc ggcaccgaca ccgagaagct 240
 caagcactac atggccaaga accatagcgc tggttcgggt cctgggtgcag ttcccgggtg 300
 ccccgagggc aaaattcggc ctgcccatct tctcgtcaag catcgcgaca gccgacggcc 360
 caacagctgg agagaggcgg agattactcg ctccaaggag gaggctttcg agatcatcaa 420
 ggagcagcag caaaagatca agtctggaag tgtcagcctt ggccaagcct gctctcaccg 480
 agtcgactg ctctcactc gcaagcgtgg gggatttggg atacttttgg cagggggaga 540
 tatgcaaaag gagtttgaag atgctctctt tggctcttct tcaagccaca tgagcgagat 600
 tgtcgaacaa accaagnggt ctgcacttga atgagcgttt ggaataattg gnaaaaaaag 660
 tt 662

<210> 340
 <211> 570
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 340
 tgaagagcgg gcaggctgat gagctgcata aatccatcat cgcctacctc gccgcaata 60
 acctgcaaga tagcgccaat gccatgagga cngagcttgg tcttggagag gatgctttcg 120
 atccggccac cgctaagaag taagganacc tgcgtggagaa gaaatggacc agtgtcgtgc 180
 gctactaaa aaagatcatg gatctagaag cgcagacca gaaccttcaq acagaactta 240

atagcgctac	accgacatcc	ctcgcggaatc	gtagaggaga	ttccgcattct	tggcttccgt	300
ctggccctcc	acgacacntc	cttcaatcgc	atcgaaacgcc	aattaactgc	gtcgctttcc	360
accctatttt	ctcttctatc	gcgtccggag	atgaagatgc	taccatcaag	atttgggatt	420
gggagtttgg	tgagcttgaa	acgaacngtaa	aatgtcacac	caaagcggtt	ctcgatctcc	480
gattatggtg	gtccaaaang	gcacacanta	cttgectctt	gcagtnccga	tttgacaaat	540
taagcnttgg	gacctcttga	acgagtacca				570

<210> 341
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 341						
ccccagttta	ataccccagg	tgcgcgaaca	gatcagggag	gagatgggtg	tactagaagt	60
attagaccac	ccccacgtcg	tctcatatta	tggtatcgaa	gttcacgcg	atcgagtata	120
cattttttatg	gagttctgtc	cgggaggggtc	gttgccagct	cttttgagc	atggtcgaat	180
cgaggacgag	caagtcacat	tggtttacgc	gttccaaactt	ctcgagggtc	ttgtctacct	240
gcacnaaagt	ggcattgccc	accgagacat	caagcccga	aataattttac	tgcaccataa	300
cggaaatcatc	aagtatgttg	acttttggtgc	cgccaagggtg	attgctcgac	aagggcgcac	360
acttgccgga	gatgtacagg	cgtccatgcc	gaaccgatcc	atgacaggaa	cggcgatgta	420
catgtcaact	gaggtgatca	agggcgaaaa	ccctggtaag	cccggtctg	tgcacatttg	480
gtccttgggg	tgngtcaccc	taaaaatggc	tacggcagga	ngccttgggc	gcaactggac	540
aacgagtggg	caatcatgta	caatattgnt	caanggaacc	ccccagctt	gcncccccg	600
ataactnaa	ccttangaact	cgn				623

<210> 342
 <211> 1007
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1007)
 <223> n = A,T,C or G

<400> 342						
aatgtctgga	gtcgacgagg	gttatgacat	cnactcatct	ggcagnggtg	cccttnaaaa	60
cagccttttc	aaggttcgatg	atcccgatct	ggcraagggr	atgganacac	ttqtttctca	120
gtccatgcag	agggccaaagt	ntacatctc	aggaaagacc	aacaagcaac	tgtggcctna	180
ntatgccttc	aaactgcctt	tctacactca	cttcaccagc	cccacccgcc	ggtacgcgca	240
tataattgtg	catcgccagt	tggaggtgt	tctctccag	ggaaagattg	agttcactga	300
tgacttggag	aaacttgtoa	agactgcga	gtcctgcaac	accaagaagg	actccggtca	360
gaatgtcag	gagpaaagt	ttcacattga	gtcttgccga	accatggaca	agaagcgaca	420
ggaaagccaa	gggtatctca	tgcctgaggg	tattgtcctg	tgggtttacg	agtcagcctt	480
tgatgtcttc	attcccgagt	ggggatnaga	gaagcgagtc	cactgcnaat	agctagcctt	540
gaanaaggcc	gagttccgta	aggagaagcg	tgctctcgag	cttcaactggg	aaaagggtgt	600
ccctagctcc	gggtttgtgc	cgaagatga	gcgaacccaag	gctggggcat	tcattcgaca	660
cttcaacgcn	atcgctgtgc	agcgacaggg	tgaaggaggt	tgaacgtgcc	cgaaaggagc	720
ggagggaggg	tggcccgtaa	gcaaaacgac	acccgtacca	tctctactga	cgatggtgat	780
gactgtctcg	aggaunatga	tgacaaacaa	tgggtgttaa	ccganactat	qgcccgaqct	840
tcactggctg	aaaggccaaac	tcagantgtc	ccggttcccc	aaccgatct	tcattctacg	900
ctggpaaact	gcacggcaact	cgtcttgact	caaaggtacc	gtggpagaac	ctggttganac	960
tgcctcacc	aacaaggana	antatctcaa	cctgttctcg	ctccgtg		1007

<210> 343

<211> 407
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 343
 cgtacgggtg cgtcgggtggc tatatcgttg gtagegcgcaa gttcattgac gtgatccgat 60
 cgttggtcccc cggttccttc ttcactactt ctttgccctc tgcaccatg gctggtgccc 120
 aaacctctat tgagtaccag atggagtagc atggcgaccg acgactccag cagctgcaca 180
 ctctgtctgt caaggaggct atgaacgctc gcgacatccc tgcaccccc aatccctnta 240
 catnattcct gnactagttg gcaacgcgca naccgcgcaag gnggtttccg acatgntttt 300
 aacgaactag gattttntgt cnatccatna attcccccg ttcaaggngg gnaggagggt 360
 tttttatacc ntacccccgc catgaaagga atnccnaccg tttttg 407

<210> 344
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 344
 tctcgatacg ccttcgcgtt atgcaaaggc gcttctatlc ctgaccaagg ggtaccagggt 60
 caacgcgcgaa gacattgtca acaacgctct gttcagagaa ggacacagcg agatggtcat 120
 tgtcaaggac attgaagtct tctctctctg cgaacacccat cttgtaccat tcacgggcaa 180
 gatgcacatc ggttacatcc ctaacgagac cgtcattggc ctttccaagc tccccggaat 240
 cgcgcgagatg tttgctcgac gtcttcagat ccaggagccg tctgaccaag gaagtgcgca 300
 tgccatcatg gagatcctca agccccaggg tgttgctgtg gtcattggag cgagccacct 360
 gtgcattggtg atgcgtggcg tcgaaaagac taccaccagc accattacca gctgcgttct 420
 cggctgttcg agcgcaagtc caagacacgc aacgagttcc tcaactcctc ggattacaag 480
 agattagang nagaaaccaa angtcgggga ctgncaaagt nogaacaatt cttnaacatg 540
 ctcatgatgg aaatactntt acctatgaac acgcacatna cattntagga aggncccttg 600
 tgggtggatta ccaggnncat accttgtt 628

<210> 345
 <211> 573
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 345
 gagactcagg tgcgaagatc gctattcgtg gcaaaaggctc cgtcaaggag ggcaaggggcc 60
 gggtcgaagc cgcggtatgc agcaaccagg aagaagatct gcattgtctc atcatggcgc 120
 atattgaana caaggttcaac aaggccnaga agctcattca caacqtcctc gagactgctg 180
 catctattcc tgaaggtcag aacgaactca agcgcaacaa gctccgtgag ctccggcgc 240
 tcaacggtag cctccgagac gacnagaacc aggtttgcca gaactgtggc aagatcggcc 300
 aacgcaagtn cgaactgcctt gagaagcaga actacactgc cagtatcctc tgtcgcgtct 360
 gtggtaaacgc cggccacatg gctcgtgatt gtcccgaacc ccaacgtggg gccagctggc 420
 gcaaacnaga tgggtgcagcc cgccttgcctg gtcqtatcga tagcggagat gccgtttgat 480

gtgaatacaa caactcatgc nanaacttgg tggaagatct tctggacccc tgcgcgtntc 540
naggcengcc tggcgctcag gacaacggca gcg 573

<210> 346
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 346
aatattttcc cgattttgctg gtctcgatgg ctcccaagga cgcaatcacc gatatggctg 60
ttgtgaactga tgggtttgtt cctattatca agtttgagta cttcgggcata agtatcgatt 120
tgattttctc caggatcacc cagaagcaat tggcaccgga ctttaaggat ctcaaggact 180
ctggcttgct gcgcggactg gatgaagcag agctgcggtc tctcaacggc acgcgagtaa 240
cggatgaaat tctcaccctg gtaccggagc aaagcacttt caaaaacgct ttacgagcga 300
tcaaaactatg ggcgcaacgc cgcgcgcttt atgccaacat tatgggcttc cctggtggtg 360
tagcatgggc catgcttgct gcgcgcgtct ggcaacttta ttccaaagct acgccagcag 420
ttatcgtcaa caaaattttt ctgggtatta gtcagtggcg cttggccgga acctgggtctt 480
ntnaaaccaa atganggcn gctttttgcc cgttcgtggt ttggnacccc caagntatat 540
naaaggggac actttttaat cttatgccag ncattaatc ccgcctatc 590

<210> 347
<211> 561
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(561)
<223> n = A,T,C or G

<400> 347
gttcgatata caccagcgaa ccagatgggc gacaactcca agaagcaaga ccgtnttatg 60
aagattgttg agcgacagcg tgatcctatg gaacccccga aattcaagca caagaagatc 120
cctngaggac ccccttcgcc gctccgcc gtcatgcact caccaccccg aaaactcaca 180
gcgaanaca acgagatgtg gaggattcca ccccagttt caaactggaa gaatcccaag 240
ggttttacag tgccattgga caagcgtttg gctgcagatg ggcgaggact gcaggatctg 300
gpcattagtg ataaacatgc tcaatttgct gaagctgtca agatggctga gcgtcaccct 360
cgtgaagagg ttcaacaacc gtgctatgat gcaacagcgt ctancagaaa aqgaaaaggc 420
ncagaaggaa gacaaccttc gagacttggc ccaaaaggct cgtgcggagc gatccgctgc 480
tgggcggggg ccgtanggat tnccgcggtt cttacgattn tagggacttt tanaactncc 540
aggcncnat cgcgaagttt t 561

<210> 348
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 348
cgcacccacc tccatacca gcatcgccaa atttcacagc gacaaccgcc gccatgggta 60
tcgatctcga ccgccaccac gttaaqgga ctacacgcac tgcccccaag agcgacaatg 120

tctacctcaa	gctcttggtg	aagctttacc	gcttctctggc	tgcgcgaacc	gatgcctctt	180
tcaacaaggt	tggtcttcga	cgtctgttta	cttccaagat	caaccgacct	cccgtctcct	240
tgccccgtat	tgtcgccaac	atcaacaagg	agggcgagaa	gcgaaccggt	gttggtgtcg	300
gtaccatcac	tgatgacaac	cgtctgctcg	agtgcctcaa	ggtgaccgtc	gctgctctgc	360
gattcacgcg	tactgcccgt	gcccgcattc	tgcgtgctgg	tggtgaagct	atcacccctg	420
accaacttgc	tctccgtgct	cctaccggaa	gcaacacctt	gatcctccgt	ggccccaana	480
acgcccgtga	agctgtcaac	atttcggctt	cgggtcccaca	gccacaaaaa	ccttatttcn	540
attccaaggg	tccaattcna	acgtgcccgt	ggcgaaaant	tctcgtgggt	caagtctaag	600
cgtttatggg	ga					612

<210> 349

<211> 608

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 349

cttcgagttg	agttgtatcg	atgctctgct	cagcattgtg	gagcttacga	acgcttccct	60
cgatacgggtg	atgtttggcg	attattgcaa	actcgacgag	gacgtgttgg	tgaatggggc	120
aaactgcttta	gcattgctctg	ccgagctgtc	ggtggctcgt	ttcgctgggt	ttggaacgcc	180
gaagaccatg	tctggaccga	ggtttactct	gaccaccaga	agcgatgggt	tcattgtggac	240
gcttgtgagg	aagcatggga	caaccctcgt	ctctatgccg	agggctgggg	taagaagatg	300
tcttactgca	tgccttttcc	tattgatggc	gctaccgacg	ttactcgacg	atatgttcgt	360
aagaaccaac	acgcttctga	gggtaaccgc	atgccctgag	gagggctctc	tctacgttat	420
gcaagagatt	aaaaacatgc	gtcgctccaa	catgaacaaa	ggaccaagcg	cttccgattg	480
gagaaggaag	acaaccgcna	agataaggag	ctttcaagnt	tccgttgttg	cttcaaattg	540
acaaaccgtg	actgacctcg	tccccgggtc	cttggnngat	ccaacncaca	acaancagtg	600
gaagcgat						608

<210> 350

<211> 601

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(601)

<223> n = A,T,C or G

<400> 350

gagcagcttg	cnentgcctt	ccgtgacgag	gtcgctgacc	ttgagaaggg	cggcctcgac	60
gcatccagg	togatgaacc	cgtctctcgt	gagggctctc	ccctccgctc	cggtgaggag	120
cgtgacgcct	acctcaagtg	ggctgtccag	gctttccgcc	tgccaccgcg	tggtgtcgag	180
gatgcactc	agatacaact	tcacttctgt	tactctgagt	tccaggactt	cttccacgcc	240
atngctgctc	ttatatacga	tgtctctctc	atcgagaaca	gcaagtctga	tgccaagctc	300
cccgctgctc	ttgtcgactc	tgagtacccc	cggacacatg	gacctgggtg	ctacgacatc	360
tactctctct	gtgtccacgc	gaagcaggag	atcaaggacc	gcctcgagga	gatgcttcag	420
ttctccaagc	ctgagcagnt	ctggatcgac	cttgatttgt	gctttaagac	cgtcaatgga	480
aggagactaa	ggangcgctt	accaacatgg	ttaaagccgc	caagtacttc	cgaaaacaag	540
ttactccaaa	tnaatgtcga	ccaacactat	gtgttgtaag	ggttgatgtt	tctgggaatg	600
t						601

<210> 351

<211> 567

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 351
 ggctcacgtc cacgcctttg gacaagttgc ccttgcctgc gctgggtatca tccactacgg 60
 cgcaacaagc tgctacgtca ccgacaacac agagctcatc ctcatgagag acgcccctcga 120
 tattctcatc cccaagctgg ccaaggctct ctccaacctt cagtctttcg ccttcgagtg 180
 gaagaacgag cccactctct ccttcacaca tctccagccc gctcagatca gcacagtcgg 240
 caagcgagct gccgcctggg cccaggatct cctcatggac cttcaggagt tcgagcgcg 300
 ccgatctgag ctcaagttcc gtgggtgccca ggggtaccac ggtactcaag ccagtttctt 360
 cgagattttc gctgggtgat atgacaagtg cgacaagatc aacgagcttc tctgcaaaaa 420
 ggctgggttc gaagaatgct acnatatttc taccagaca tacaccgaa aagtcgactg 480
 tcttggttgc aacgagctca ctgggtctcg cccagtggtt acaagaatg cttctgactt 540
 ggganattct gccaccatga aagaagt 567

<210> 352
 <211> 880
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 352
 gctgcaacta ctgccccaaac aaccgcaaga ggggcaagct ggccgagctg acgaacacag 60
 aggttagtca aaatcgccaa aggagaaaagc acaactgggt cctacgctga tgaccgtgct 120
 ggggttttgat gctctcaaaag gtgggcaaca atgtgaagct acctttcttc ggactggttg 180
 cgcccagcga catcccttc gagattgacc gcggaaaaca caacgatatc tacccttcgc 240
 tgagcgagat ggccaagact gcccttcgtg ctcttgagaa ggctactgag aagagtgaca 300
 agggtttctt tatcatgatt gagggcagtc gaattgatca tgctggccac atcaacgac 360
 ccgcgcctca agttcacgag gttcttgagt acgacaagac cttccgagct gtcttcgact 420
 tcatcaagga gagcaagacc gagactgtcc tggtcgcaac cagtgatcac gaaacaagcg 480
 gtctcgtac ccgcgttcag gaacctggtc acctccctgt ttacaactgg taccctaagg 540
 tcttcgccc aaagcactgcc tcagctgagt ggtcccaagc cgaagctcaa cgcctatc 600
 gctctaatc ccgaagccaa gaagaacaag gaaaagctca aggagtatat caacgaggaa 660
 ctcatcctc cgtgggtctcg gcatcttcaa tggcttcgac aaagagatta ccaactattg 720
 cgagacccc gacagcgac ttggtctctt cttngtctt atttctnttc ggcgccacat 780
 tgggttggag gactcaacgn cattacccgc ggtgatgtca acatttacag cttcgggttg 840
 accacgaaca agagaacatt cgcgggaacg tggagaacan 880

<210> 353
 <211> 857
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 353
 ggagagtttg caggccagac agctgaacga ggtgggtctca tgtggcttct cttctggcaa 60
 tttctcatct tcaattgtac ctttgccac gccgccatcg cgattaccga tacagctgaa 120
 ggggggtgga aactggccaa cgtcgtcttc atgctctcgc tcttctctcg tgggtgtttg 180
 gcttcgccc ataacatgcc cggtttcttg atctggatgt accgagtttc gccattcacc 240

tatctcgtgt	cagcgatctt	gtcaactggg	atcggaacg	cagagggttac	atgcacagcg	300
caagagttga	ccacatttaa	ccctcccaac	ggaactacct	gcggagaata	tctggagtcg	360
tacatggcgc	aagctgggtg	ttacttgact	aactacgacg	ccacatccga	ctgcaagttc	420
tgcaccatca	aggacaccaa	cgtttacctc	gaggcaactca	gctctagcta	tgataaccgt	480
tggagagact	ttggtattgg	aatgggtgtac	atcgctcgta	acattgttgg	tgctctgttc	540
ttgtactggc	ttgnccgcac	gcctaagaac	aagaacaaga	agcagaagaa	ggcgtaaaca	600
attcatagtt	tgggctctac	cttctcttct	tattttgact	tgatctttct	cttcttttct	660
cttctttttt	gggtaatggg	ttggagattg	ttatagaagt	ggtggaattg	tatttagaat	720
cgcaataata	gaatagaaaa	tggtgtttgt	ggggataatg	attagtttct	cttatgagtt	780
atgcgtcctt	gctctccgaa	ttaatgtttt	ctgggaatga	aaattgatca	aattgactga	840
ctcattgcga	atggaga					857

<210> 354

<211> 1941

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1941)

<223> n = A,T,C or G

<400> 354

catccatcat	caactgtcaa	aatggccaac	cttccccccg	tctacatcgt	ctctaccgcc	60
cgtaegccta	tgggtctttt	ctttggctct	ttgtcaagcc	agaccgctgt	tcaactgggc	120
tcagtcgcca	tcaagggagc	cgctgagcgt	gccggtatta	agcctgagga	tgctcgacgag	180
gtcttctttg	gcaatgttct	ctctgctggg	gtcggtcagg	gccctgcccg	ccaatgtgcc	240
cttggcgcgt	gtctccctca	aactgtcctc	gccacaaccg	tgaacaaggt	ctgcgcttct	300
tgcgtcaagg	ccatccatct	tggtgcccag	aacatcatgc	tccgcacctc	cgatatcgctc	360
ggtgctgggt	gaacgcagtc	catgtcccaac	actctctact	acctcccaaa	cctccgaaac	420
ggtgccaagt	acggcgacca	gaacctcgct	gaagggtgtc	tcaaggacgg	tctgaccgac	480
ttcttcaaga	aggaccacat	gggtatctct	gtcgagctct	gtgtcgatga	ccacgaagct	540
naccngtga	ngcttcagag	acgaagtctc	catcaacttt	acaaaataat	gctgctcctg	600
aggctggctt	ttgctgaaat	gacactcgtg	tcaagcactg	aggaaggccc	agattcgggg	660
caaaacctac	aagtacattg	tgggtgaacc	tgagggatcc	cctctagaaa	ccatggttct	720
catccatggg	ttcccggaac	ttgggttttg	ctggcgctac	caagttccct	acttcatgto	780
tctgggatcc	cgagtcattg	tccctgatat	ggtggggata	cgcaggcact	gatgccccag	840
agtcctctga	ggagtacaca	tacaaagacc	tctctgcaga	catcaacgag	ctggctcgca	900
agtatgtcgg	cgaaggacgg	acagatcggt	ctcgggtggc	acgattgggg	tgccatgac	960
gtctggaagg	ttctacctg	gtaccctgag	ttgatcaagt	gcgtcttcag	tgtctgcaca	1020
ccctacatgc	agcccagaga	aaatttctct	ctctcgaagc	cattatcgca	agcgggtcac	1080
ttctcaactt	tagctacaaa	tgggactcaa	gggtttgact	tccagccatc	aatactntca	1140
ntcatgggga	actggcnagc	agtataatct	ctttggaaaa	agggactctc	actcgaacaa	1200
tacgatctct	acctacaaga	ttctgacctt	tatccactgg	atcctgtccc	ttgtcggttac	1260
cgtttaactat	acctttccac	gtcccgacga	tggccacact	cgaaacccga	agatctggga	1320
gcagaaccac	atgtaccgca	ctggtttcac	tctgaaccga	atcatcacct	ccatctactg	1380
gattgtctct	ttcatctctc	agggtgggta	catcggacat	cttttctcga	gcaactctga	1440
catogttcac	gctgctgcca	gogttggaag	ccacttccat	ttcaacaacc	tcttccactt	1500
cgcttttgto	atgctctttg	ttcgtctctc	cttccactgg	gctgaggtta	tcttgattct	1560
caacttctac	aatttttctt	cgctctactt	tggcacaacc	acttaccctc	gatttatcca	1620
caatccgggt	gtttctggan	ctttgggctg	gacttttgtt	gacattactg	gaacgggtgt	1680
ctgatgatcc	cgcactctca	caacttgctc	ctcgtatctt	tggnaacatc	ttcatctggt	1740
ccatctctcg	ctaattggact	cttcttccat	atggtttaca	aggattacac	aatgggtttc	1800
ttgttcagcg	tcttttgctgc	cgcatttgga	gtttcccaat	tcttccacca	ggtgattgac	1860
ttccagtggg	tcttttgcttt	tatcaatatg	gctcttctct	ttatcgccac	tgncgtcggt	1920
gctgccccgc	tgcacaagca	a				1941

<210> 355

<211> 796

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 355

caacaaaagt	cctattcctc	cgccaccoga	ggatatcggt	aaatcccacc	cttcgattct	60
ccccgcggat	gcagtttggt	cttggtcatt	gtgacttttag	ttgatgatgg	cttcttctat	120
ggcaatgagg	aagttggccc	tcggccttgc	cttcacaagg	gccgccaggt	tccctaccgc	180
agctttctct	acaaccogac	ctgtttcccg	agttatcact	ggaaaccgcc	cctctacgag	240
ccaaggaggc	ctctcctttc	gtgagcaaca	aatacgcgtg	ctatccacca	ccaaaatgat	300
gctatcgttg	ttggtgcctg	gggtgcccg	ctgagagctg	ccttcgagcc	tcgccgagga	360
tggtaaaaac	actgcctgta	tctacaaact	attgccgacc	cgatctacaa	tgacgctgct	420
cnnggtggga	ttaacgctgc	tctaggtaac	atgcacgaag	argactggcg	atggcacatg	480
tacgataccg	tcanggggtc	gaatggctgg	gtgaccaaaga	cgctattcac	tacatgaccc	540
gagangcttc	cgtttttatta	tcgagctttg	aaactacnng	tggcctttta	cgaactgagg	600
acggnaagaa	ttaccaacga	gcttttgng	ggcagtcocaa	ggagtaccgg	aaagggnggg	660
caagcctacc	gatgcttggc	ttgccgttga	cnaaccgggc	acgccttttt	taaaantttt	720
tacggcnagt	ccttcgcgca	caaaaacaac	tatttattnng	agtntttccc	cctcaacctg	780
atthtgcagg	aagggg					796

<210> 356

<211> 633

<212> DNA

<213> Fusarium venenatum

<400> 356

tttttatttt	cttctactgt	gcggttctgt	tttgtcttgt	tacatcttga	tacccacaaa	60
tctccccoga	aatgcctatt	acacaaactta	gatccgctgg	cgggctggcc	cagcttgcctg	120
gacatgtgaa	tggcgacga	cagttctcta	cacgcccagc	tctgcgcaag	gaacttaaag	180
atgcctatat	tctaagcgt	gcccgaactc	ccactgcaaa	gttcaatggc	tcgttctctgt	240
cagtgtcggc	tcccaagctt	ggcgctgttg	ctatcaagtc	cgccctaaaa	aagtcaaaagg	300
tccccgtcga	gaagatcacc	gatgtgtata	tgggcaacgt	cctccagggc	tctgtcggcc	360
aagcgctgc	gcgacaggct	gccatctttg	ctggctctacc	caaggagggt	gaggcgacaa	420
ctattaacaa	ggtctgcgca	tctggactta	aggccgttac	tttggctgct	caaaaaatcc	480
aaatgggtct	ctctgaggct	caaactcgctg	gtggaatgga	aaacatgtcc	caaagtccca	540
tactatgtgt	cgggggcca	cgggcctcct	gcctttgggc	cacgtcaaaag	atggaggatg	600
ggcctaacaa	aggatggggt	aaccgatgtg	tac			633

<210> 357

<211> 695

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 357

ccttttttca	cggcttctct	caagcctttc	ccttcagctc	cccgtttgtc	attctactgt	60
ttctctctct	gttctctacat	ctcaagtcct	accagacaag	aatatcgcca	aaatgtctct	120
cttcgagcag	accttcaattg	ctatcaaacc	cgacggtgtc	caqcgtggac	tcgttggccc	180
catcatctct	cgtttcgaga	acggaggctt	caagcttgc	gacatcaagg	ttgtcaccct	240
cggcaaggag	cacctcgaga	agcactacgc	tgacttcgct	ggcaagcctt	tcttcgctgg	300
tctgattgag	tacatgaact	ctggccccc	ctgcgccatg	gtctgggagg	gcggtgacgc	360
cgtcaagaact	ggcgttcca	tcttcggtgc	caccaacccc	cttgcctctt	ctcccggtac	420
catcctgggc	gactacgcca	tgcagctcgg	cgcgaacgtc	tgccacgggt	cgcactccgt	480

cgagaaacgc	ccagaaagga	gattgctctc	tggttcaagg	acggcgaggt	tgtctcctgg	540
aaagtcgcgc	cagttcaact	gggtctacga	aaaggcttaa	atctgtcatt	gatatgacac	600
cctaaatgac	ggaatggaaa	agcacatata	agtgggatga	cttcattctnt	gngggtatat	660
caaaatcaaa	gacaaaatct	tctcaaaaaa	aaaaa			695

<210> 358
 <211> 541
 <212> DNA
 <213> Fusarium venenatum

<400> 358	
gtgtgaattt	catgaacott caactttgcc atgcaggcta atcgaatcag gttatcaact 60
ctgccgccaa	gaacctctta catttctggg aaggatatca gccctgcaaa catcaccttc 120
cgtgggtccc	atgggtttcc tgcgtggttt gccgctcacc actcccagga atactccgcc 180
tggtaaggca	gtattcccggt tcttaagggt gtttctccct ggaagtgcgc aagatgccaa 240
qggtctcttq	aaggccgccca tccataaccc caacctcttc attctctctg agaacgaatt 300
gargtaagggt	cagagcttcc ccattgtcga agccgcccag aaggacgact tggttattcc 360
cttcggcaag	gccaagattg agcgatccgg caaggacttg aacatcgtgt ccctcagccg 420
cactgttggc	caatctctga ttgccgctga aaaactcaag aagaaatacg gtgttgaagc 480
cgaagtcate	aacctgcgat ccatacaagg tcttgatgtt gaaaacatca tccagtcctg 540
t	541

<210> 359
 <211> 819
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 359	
cagaaaatga	gtattaactt aagatctagc tattcatgat aaaatcactc actctcacgt 60
gatacccctc	actccacgcc acgtgccttc ataaaaatcca ccatatcgaa gaaactcttc 120
ctatatcgcc	tctctctgct cgtcctgttc actgttttga tcccaaactg agcagaataa 180
tctccaaatt	cccaattatc actgaaaagac cacgcatagg ctctctataac ttcaactccg 240
tcttcccaga	tgcctttgag agtctcggac aagaagctca agtagtagat gcttcgggggt 300
gtatcaaaac	gctgattcaga tagctccttc tctgcctcgc cgaaaacagg gaagccaaac 360
tctgtttagag	ctacgggggt tctccatgtg ttgtgcagat agttgaggta gcttcggagg 420
tagggtgggtg	tgatgtacac gtatgtgtaa gaccggtagc ccgatgttcc acccgtgaacn 480
gtcgtagtag	tttgattgac gcagtaccgt ccggaagtag aagatgagtt tgatgcgcac 540
ctanaataact	gnccttgncg tctnggaaca ngtggngcga taccgnggca gtatatggat 600
cgatgccata	aagcagccgn gcccgccatg tacttganac ttctctntta acgggacaaa 660
gtcatcaaaa	gcttttttaa tgactcgggt aatcttgccc aggtanatag gatgcaaaag 720
ggnccanttg	gatggattga atgggccgga acatatcatt cncctacttt tngganccga 780
gggaaccnaa	gtnttggttg aacttgacnc aatnttctc

<210> 360
 <211> 546
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 360	
ctctgggtttc	cccttttgccg gtgctgatgt tggaggcttc ttccggcaacc ctgagaaaga 60

cctacttgtc	cgttggtacc	agaccggtgt	gtggtatccc	ttcttccgag	ctcatgcgca	120
cctcgatgcc	cgacgtcgag	agccttatct	cctaggcgag	ccttacactc	agatctcgac	180
cgccgntatc	cgactccgat	acactctcct	gcccgtttgg	tacactgcgt	tccacagcgc	240
ggcacaggac	ggaagcccca	ttatccggcc	catgtttctg	acgcacccca	ctgaagaggc	300
tggctttgct	gttgaggatc	aattcttctg	tggttcaacc	ggtcttntgg	tgaagccggt	360
cacggagcag	ggcaaggaat	caagttgaca	tctggattcc	tgatgatgaa	atctactatg	420
actactttac	ctacgatgtt	caaaaaacaa	agcaagggca	agcatnttac	agnagcgca	480
ccactagaaa	aaattccatt	ctacttccga	gggggacata	ttattccttg	acgcgacact	540
tcttga						546

<210> 361

<211> 611

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 361

aaagagtcac	tgagcatcgt	ccatthttcaa	ccccaaaacaa	acaccatcaa	attcacctac	50
gacatcggtg	cccagcatgt	cgatggactt	ggatgaccag	cctatctcca	tagccctgt	120
cgctcagcag	caggggtgctg	caactattct	gtgctgcaac	tgtggtgccc	cgatcgatgg	180
aaatgcatac	tctggcgctc	tctgctatga	ctgcatcaag	ctcactgtcg	acatttccca	240
gggcgtccag	cgagaggcga	cgctcaaact	ctgccgagac	tgcgaccgat	ggctcatgcc	300
ccccaccagt	tggattgtcg	ccgtcccgga	atctcgnaa	ctgttggcac	tgtgctcaa	360
gaaacttcga	ggactgaaca	aagtcctgat	cgtcgacgct	agtttcatnt	ggaccgaccc	420
cattcgcgaa	gagtcagggt	caagatcacc	attcaagatg	aagtacagga	cggtntgctg	480
ctccaacaaa	ctttcgangn	cgtgtatgtt	gnggcgtacc	aacagtgcc	tgattngccc	540
aagtcataca	cttgcaacnt	ntgggggaac	cgthntccaa	gtccccnaa	anggttttta	600
naagcgaaac	n					611

<210> 362

<211> 434

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 362

gaactacccc	ctcagtcgtc	gcttttcgccc	aggatggtga	gcgactcgtc	ggtgtcgctg	50
ccaagcgtea	ggcgcgtcgt	aacccagaga	acaccctctt	cgctaccaag	cgattaatag	120
gacgaaagtt	caaggatgct	gaggttcagc	gcgatatcaa	ggaggttctt	acaagatcgt	180
tcagcacacc	aacggagacg	cctgggtcgc	tgcggtggcc	agaactactc	tccttcccag	240
attgggtgnt	tgcctcaac	aagatgaagg	agaccgccga	ggcttacctc	tctaagccca	300
ccaagaacgc	ccctcgtaac	cgctcccgcc	tactttaaag	acttntaaag	gacagagac	360
taanggtgct	ggtaaaaattg	ggggcctcaa	cgthcttctg	ggcgtcaacg	agcctatggc	420
gcccgttttg	ctta					434

<210> 363

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 363

gnaggaagca	gccaaggctg	ccgaggctaa	gcgcgccgaa	tacaacctgc	ctgccgtctc	60
tggcgtccag	cacaagaagt	ccgacaagg	tgctaagctt	caagatctcg	aggaggctgt	120
tggtgacaac	gccgcagana	anaacgtgct	cttgctcttg	acaagaccgc	aggtttcaag	180
atgtacaagc	gccgtcagga	gaagtaccga	cctgtcaacg	cccgtctcaa	ggactgggct	240
gagctgagtt	cccgtcttga	ggaggatgag	cttaagtacc	aatctgctcg	ttgtatggat	300
tgtggtgttc	ctttctgtca	atctgagact	ggctgtccta	tctcgaacat	cattcccaaa	360
tggaacgaat	tagtcttcca	aaaccagtgg	aaggatgctc	tcaaccgtct	cctcatgact	420
aataacttcc	cogaattcac	cggtcgtgtc	tgccctgctc	cttgtgaaag	tgcttgtgtt	480
ctgggtttatc	aatgaaaacc	ctgggtggcat	caaaatctat	cgagtgttgc	aatcatcgac	540
cgaggtttcc	aaaatgggct	ggatggggcc	tcaacctccc	aaggttcgc		589

<210> 361

<211> 568

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(568)

<223> n = A,T,C or G

<400> 364

caacgaggat	gttgacaaca	actntctcta	cactcagccc	gaggacattc	tcaacatcta	60
caacacccctc	tctcccatct	ccccctactt	ctccatcgcc	gctgggtttg	gcaacgtcca	120
cggtgttttac	aagcctggga	acgtcaagct	ccaccccgag	cttctcgga	agcaccagge	180
tcattgtcaag	gaggccctca	agtcgcgaaa	cnacaagcct	gtntnttttg	tcttccatgg	240
gggtcccgcc	tcttccaaag	aggagtacct	cgaagccatc	ggctaagggt	ttgtcaaggt	300
taagctcgac	actgacatgc	agttcgccca	ctgctctggt	atccgagact	acatgggtcaa	360
caagcgcgag	tacgtcaaca	ccaccgtcgg	caacccagat	ggcgaggaca	agcccaacaa	420
gaagtncttt	gacccccgtg	tctgggtccg	ngaggggtgaa	aanaccatgt	ctaagcgtgt	480
tgnttgangc	tttngangac	tttaaccccc	ccaaccagnt	tntaatgccc	ccggaaacac	540
ctcaanggnt	ttaaatgata	tncccaat				568

<210> 365

<211> 630

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 365

ctttctttggt	ggcgaggcca	cttcaaaagga	cgagaggaag	cttgtcnaaa	aattagattt	60
cttcattctt	acctaactgtt	gtttcaqttt	cttcttcaaa	cttttggatc	gttttgggtt	120
tgtaaatgac	tatgttgtgt	gtcttctgtga	gtcaactcaac	atgagtgggc	atgaactaaa	180
caacgttntt	tctgtcaact	ccgtctggaat	ggcctatggc	caactaccca	acgggtatcat	240
catacaaaaag	gtcaggccctc	gcattttggct	accttctgatg	gtttgttttat	gggcgcgccat	300
gaactatgctg	agtgtgtgtg	tcacaaaagct	caacccaactc	tggttcaccc	gtttcttctct	360
tggtctcggt	gaagtcagta	catactctgg	cggcatgtac	atcatcqaad	catqqtacaa	420
gcttgaggaa	atccaaana	naactgpcct	gtttggtgta	tctggacaaa	tggnaccatg	480
ttcgtctggcg	tgatgatgac	gccatttcata	agggcatgaa	aagaatgggt	ggactacaag	540
gttggcagng	ggtatttcac	atcganggaa	tcattactct	tnccattggc	gttttggggt	600
cctctacttc	cctgatacac	ctgaaaaact				630

<210> 366
 <211> 505
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

```
<400> 366
ctcccatttc tcaatccacc tactttcatgc acaccgaccc caagatcttc cctgagccct      60
ccaagtccag gcctgaacga tggatcgaag ctgcagagaa acagattcca ctcaagaagc      120
atatcaccaa cttttctcag ggctcaaggc agtgcacgg ttacacaatg gcctttgctg      180
agatgtatct tgctctttct cgcattgttc ggggttacga ggttgagctt tatgacacca      240
cnnnagcccg acattgacat gactcaccgc cgcattgttg gctatccnaa ggcaattcag      300
gcangaccga gcattgttgg gaaattngan tcaaaaggctc tcaaaagcttt ggaaactaca      360
atcgggactg tcttactatc atgctggata tctcactgaa tcaacgggtg ttctctttgt      420
ncaagttaat ttcggtatgc gaaggatgaa aagttcataa tantnacatt taaatattga      480
aatcaaagtn ctttatttaa actcg                                     505
```

<210> 367
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

```
<400> 367
gccttgaggg cggcagaaca acctccagag caagatgaag tactccctct ttgtcggcgc      60
ctcggcaggt tccgagacgg agaaccgatg ggctgctctc gacatgatca acagacgaag      120
ccctcaccag gtccgcaagg atattgccaa gggaatcaac tctggacgca tcaacttctt      180
cgacaagcat ctgtccatgt tccctctga tctcgtttat ggtttctaca ccaaggaccg      240
tcccaacagc aaccttgatg tcaactgttg cgaagctacc gacattctcg angatggcag      300
cttcgttctt ggtgcctctg ttggtgctac tcttgagctg atccaaatgg ccgataagat      360
catcatcgag gtcaaacactg ctatcccttc cttcaagggt cccacgatat cacccttacc      420
gactcctccc caccgacact tacaacatca ccgccgttga agacgaatgg tccattcgtc      480
aanatgaccc tccaagtctc ctatctcatt cgatatggga gcacgggtcca cccctatgga      540
canactctcc canatgcggc attgataatc tcacacaagt cccaggtnc                                     589
```

<210> 368
 <211> 622
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

```
<400> 368
tttgagaacc aagatattgc tctcctccgc aaqccttact ctcttgatgc ctcttctctg      60
tctgacattg aggaggatcc ctggggagaa ctgtccgaga caaacgacct ctccaacaag      120
aagctgaact tgaagtgcac acaacccgag cttgagctta tccgcagAAC cgcagagctc      180
atcggcacac gagctgcccg cctctcggcc tgtgggtgtg ctgctatctg caagaanaan      240
aactaccaat cttgccatgt cgggtctgac gggtccgtat tcaacaagta ccccccactc      300
aaggagcgtg gtgccaaggc tctgcgggag attctcgaat ggcccagaaa ggccaacaag      360
```

aaggacgagg	accctattga	agtcttgact	gctgaggacg	gtagcgggtg	cggcgcccc	420
tgattgccgc	ctgaccttaa	gcgaatcaac	gagggtaaca	tgnggggtat	tcttcccccg	480
agaacttnaa	ataaactcaa	agcggaatcn	atttaacaaa	gngngagggg	aaacacaacn	540
gtttaaaaa	ggaccggaaa	atgganaaag	gggtgtcttg	natatanccn	gataacacga	600
ngggatctca	nggctacgaa	ng				622

<210> 369
 <211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

gctccttacc	ggtgacaacg	atgggtctcat	ctacgtgaca	acacgcaccg	acggagggtgg	60
ctgggtcact	gacaaccgac	ctttccaggg	ccaccagagc	agtgttgagg	agttgcagtg	120
gtcgccgtcc	gaggtctctg	tattttgcctc	tgccccaagt	gacggcaccg	ttcgcatctg	180
ggacgtgcga	tccaagtctc	gcaaggctgc	catcaccatg	caggtgtcaa	atgttgatgt	240
caacgtcatg	tcttggtcgc	gccagcaaac	tcacctctc	gcctccggtg	acgacaacgg	300
tacctggggc	gtgtgggata	tccgccagtg	gaaggccagc	tctgacaagc	cccaggccat	360
cgccagcttc	aacttcaaca	aggagcagat	caccaagtgt	cgaatggatc	ccaccgacga	420
ctctattggt	gcggttgccg	ccgccgacaa	cactgttacc	ctgtgggata	tggccgtcga	480
gctggatgat	gaggagagca	aggacacagc	cggcgtcaag	gatgtgccgc	cccantctct	540
gttcgtgcac	tacctgaagg	acgttaagga	ggtacactgg	cacccccata	tcacgggaag	600
cttggtcgcc	acggg					615

<210> 370
 <211> 720
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

aaacaactac	gggtccagca	tcgacaattc	gactctcatt	ctccacata	gatatctcgt	60
gctgcccac	actcccagat	atcaacaaat	cttatacttg	cagaagtttt	agacgatagg	120
agaattggcg	atttcacat	gccttcgca	accggctcaa	actgggaqaa	gtaccaqaaq	180
acttttgccg	acgatgaggt	agaagagaag	aagatcacac	ctctaacaga	tgaggatata	240
caggctctca	agacctacgg	tgccggccct	tatggaacgt	ctatcaagaa	gcttgaaaag	300
caaattaagg	agaaacaaca	aagcgtcgat	ganaagattg	gagtaagga	atccgacaca	360
ggaattgcgc	cacgcacatc	atgggatata	gctgccgata	gccaacgaat	gtccgaagag	420
canccctttc	aagtagctcg	ctgtacgaan	attatcgccg	acgagaaggg	cgatgagtc	480
agaacaagt	ntgtcatcaa	cgtcaaacag	atcgcaaagt	ttgtcgtaca	gcttgganaa	540
gggtcacc	ctgggatata	gaggagggca	tgccgggtcg	tgctataggg	aaacaaagtc	600
gattatgct	ttccgctgac	cccaagatcc	gacgcgagtg	tacgattatg	cccgtggaaa	660
aaaagccctg	gcctncccta	cggcgatntt	ggtngttgca	angaacaggt	naaaaagggn	720

<210> 371
 <211> 745
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 371

taaaatcttt	gattttgctt	ctctttttctc	cttttcaatt	gaactcttcc	aagttttattg	60
tcttgctatt	cacaagtgcc	caacatgcag	gcgcgaagac	aactaatcac	atcaacgcag	120
cgcattggctg	ctagtgcctg	ggctcgatca	gtccggccac	ttacacgagt	aatcgcaaca	180
caacctttta	gaccaacatc	ccttcgctta	ataccaagca	ttgcagtcag	gacatatgcc	240
aatggccgac	ctcatcctcc	aggcggtaact	caccgcgatga	atatgggtgg	tgatgaggag	300
aaacctgctc	tggaacaatt	tggtgtcgac	ctgactgctc	gagccaaaga	cggcaagctg	360
gatccagtta	ttggcagaga	tgccgagatt	cagcgaacga	tccaaatttt	gtcgagacgt	420
accaagaata	acccagttct	catcggtaat	gcaggaactg	gaaagacagc	aattcttgag	480
ggccttgctt	tctgattggt	cgtggcgacg	tncccgaaag	tgtcaagaac	aagagggtca	540
tcagtcttga	tctcgtttcc	ttaatcgccg	ggccaaagtt	ttaaaggagat	ttcgaagaga	600
gaatgaagaa	ggctctttgac	agaagnggag	canggcgcga	gggagaagta	attctattca	660
tcgatgagtt	acacaccttc	ttgggccttc	qnaaaagggcg	anggtctctt	cgatgaacttc	720
aaccttttga	anctgntttt	acttg				745

<210> 372

<211> 735

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 372

cttcactctcc	ctttttctccc	ctttcttccc	ttcttctctca	accacaactt	tccaactatt	60
tcgttgctctg	aaacccaaca	gtcattgcga	cacttgaatt	ccaccactct	tgacagcaca	120
cttaaccgctt	ccacaacaac	catcacctgc	aacatgcgca	gcaaattcaa	ggacgagcac	180
cttttcgaga	agcgcaaggc	tgaggccgag	cgcattccgac	agaaatacgc	tgaccgtatt	240
cgggttatct	gcgagaaggt	cgagaagagc	gatatcgcca	ccatcgacaa	gaagaagtac	300
ctggttctctg	cggatctgac	cgtcggccag	ttcgtctacg	tcattcgcaa	gcgaatcaag	360
ctatcccccg	agaaggctat	cttcactctc	gtcgacgaag	gttcttcccc	aaacagctgc	420
cctgatgagc	agcattttacg	aggagcacaa	ggatgaagga	cgggttctcta	tacatcacct	480
actcggcgga	gaataccttt	ggcgaaacgt	aaggccgatg	atgcaggatc	ggttttatctt	540
ccaagtcngg	aatgacgaag	gcgttacggc	cgtattttgg	gtgaatgttt	tgatggncac	600
ctgncatggt	cttatcaact	ttccgggggc	aaaaaacggg	actcgaataa	aatgcttaat	660
gggcatttat	gggaacaata	catccttcgg	ngttgnccca	tagggcacca	ccacntnttg	720
tacncccaaa	aaaaa					735

<210> 373

<211> 593

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 373

aaatccacaa	cgagtcagaa	gcctglatgg	gagtcctcgc	gtcgggctga	nnaaagtctt	60
tggttaggggt	atgtggtaaa	ggtaagggtg	ggttcgtcac	gtcgtctctg	attcggtaat	120
agtogaactc	aagangggcg	tcttttagctc	togaattcga	ngggcaatat	agtcgttcga	180
atgcagatgg	tatagaggcc	gggagcacgt	actggcattc	atatatccan	acaaatagtt	240
tcattggtgc	gaacgacaat	tagtaagccc	anatttttaag	caaagaatcc	catgatcttg	300
tgcaacaggct	tgtaccgtta	ttgctcactc	caaagcagct	gacnagggttc	tngtggtccaa	360

ccagagagcc	aaccttttca	cctnggggtga	tatcccagac	cttgcaactca	aagtcacnat	420
aaccggcgaa	aaggagaccg	ccccacacaa	aagtagcgac	ggaagtgata	cgcgaanaaa	480
tggactccna	cccgtagagg	gtgagctcgc	catccccacn	gatattaaaa	agtcgacaag	540
taccatngtc	ggaccggtaa	cnaaagagtg	gccatcangg	aaaaactgga	tgg	593

<210> 374
 <211> 601
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 374	
cacaagggtca	acgggtgttgc
gacttcgtcg	aaaatctatg
tgcgcgttgg	ctccaccaag
aggcaacggt	ttcctcaagg
caaagagttc	cgaaaggaat
gctcatcaag	tctaccgtgg
caagcgaatc	cacgagtaca
cctttacctt	aagtctctat
ctttggaggg	aaagctgcac
tgctgtcggg	ctccgtagtt
	aaacaacgaa
	ngaggatatt
	ggtgaccttc
	tcaaagggtga
	601

<210> 375
 <211> 794
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 375	
gctctagata	ccttcaaccc
actcccagga	gcttctcgag
tcactgttga	gggtccctgc
ctcaccagca	ccaagaagaa
gctcctaccc	tcgaaactgt
ggcttcaagt	acaagatgcg
cagaactccg	agaccgactt
gtccgcgcga	ttgtcatgca
gagcttgccc	tctcttggtaa
cagatctgcn	gggtgngaaa
ccgagaaggg	caacgtttgt
cttttggcgt	ttctgggtct
caagaaaagg	gtacccaaa
ccgananaaa	aaaa
	600

<210> 376
 <211> 627
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

```
<400> 376
gcttatccat gccaccttaa ctatcgcaat cctctacttt ctcaaacaac ccccgtttta      60
aaccttttagc cttgcttaat caatatgctt tcttttatcc tcattcaaaa cgcacagggc     120
aagactcgtc tcgccaaatg gtatgcccct tttagtgcgc agcaaaagat caagctcang     180
ggcgaagtcc accgtctcgt tgcgccccgc gatcaaaaat accagtccaa ctttgtcgag     240
ttccgcaaca acaagatcgt ctaccgcccgc tacgcccgtc tntntttctg cgcctgcgtc     300
gacacaaacg ataacgagct ggcattcctn gaggcatttc acttcttcgt cgaagttctc     360
gatgcctttt tcggaaatgt ctgcgagctt gacottgtct tcaacttcta caaggtctat     420
gccatcctcg acgaggtgtt cctagcgggc gagatcgaag agacgagtaa agcnggttgt     480
gctcagcng gtggagcctc tcgacaaatt aaaataaacc cgcncctcca cgtttgagg     540
ctcgaaaaaa tatgaaaata accaaggccn tttttntttn ttttttttn ccccgcatat     600
caaaagtggg atttqatct aatataa                                     627
```

<210> 377
 <211> 646
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(646)
 <223> n = A,T,C or G

```
<400> 377
ggcccgcgga gcaactcaaga ctgtacataa ttttcaacac gactacaacc ttcaataatc      60
atatacgggt cgtttcagta ttttcaaaat gtcattcggg ggccaaacgc caacgattat     120
cgtctcgaag gaaggaaccg atactttctca aggaaaggga caaatcatct ccaacatcaa     180
tgccgtgtct gctgttcagg ctaccatcaa gtccacccgt ggtccctacg gcggtgacct     240
tttgatgggt gatgagaatg gcgcgcagac tattaccaac gatgggtgcta ccgtcatgaa     300
gcttctcgat attgtccatc ccgcgcgcag aattctcggc gatatcgccc ggtcgcaaga     360
cgccgaagtc ggtgatggaa caacatcagt cgttgtgtct gccggtgaga tcttcaagga     420
ggttaaggag cagctcgagc aaggcgttag ctctcagatc atcattaagg gcctgcgaag     480
ggcgtctcaa atggcaagtc aacaagatca anggaaattg gcacagcac gaatgangct     540
aaccaagcgt gatactctca tcaagctggc tggcactggc atgaccaaga agctatcaag     600
cgaaacattc tttttaccaaa atgntgcagt ctgttttcgt tcgatn                                     646
```

<210> 378
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

```
<400> 378
gatcaagatt atcagcccgag caatgttact ctatccctcg qaaacgacga tcaaggettc      60
tggggcatgt ctggccatgt ggctgccgag ttggcatttt ccaaccctcc ttcanatcag     120
cttgggtggc tagctctcgc tcaagctgtt ttcaaacactc aagccaatcc tgacccgacac     180
gacgatactt cgggttggtgg tctccgatgg cagatccctc gannnaanna cggttacgat     240
tacaagaaca gtatcgccaa cggttgtttc ttcaaccctgg gtgcgcgact tcttcgatac     300
acgggcaaca agacctatgc cgactgggct ganaagacat gggactggat tgagggcggtt     360
ggtttctctg accccaccag ttataagatt tatgatggcg gtcacgtcgg aaagaactgt     420
cccgatatca acaaaggcca gttcttctac aactccggtg tctttcttca gggcgcttgc     480
ctttatgtac aacccaccg atggctcgca aaagtgggaa ccaccctcgc aataagttgg     540
```

gtgatgcccc atctnaaact tntttcctaa agacattggt gttgaaatcc ctgggaaaac 600
 cactacactt gcctaaaana tgtcttcttt aagggtctac 639

<210> 379
 <211> 590
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 379
 ctgactttga cctgcgcgct cgacgcaggc ttgataaatc atcatggcga tccactacct 60
 tatttctcta tctcgccaag gcaaaagtgcg ccttgcctaa tggatcttaa cctctctacc 120
 caaggataag gccaaagatcg tcaaggatgt ttcccagctt gtgctcgctc gtagaacgcg 180
 catgtgcaac ttctcgaat acaaggatac caagatcgtc taccgcgat atgcacgct 240
 tttcttcctc gccggctgct cctccgatga caacgagctg atcaccctcg agattattca 300
 ccgatacgtc gaacagatgg ataaatacta tggcaatgtg tgcgagcttg atattatctt 360
 ctccctcacc aaagcatact atattctcga cgaaatcctt ctgcgggcg agctgcaaga 420
 gacgagcaaa aagaacattc ttcgctgcct cggtcagcaa gactctcttg aagatatgga 480
 agtcgaggan gaaattacca agattatggt naattcccca caatcttggt attgctgtcc 540
 ggcactaatt cnaactcnct cncgaaacat cagatgaaac cgtccaantt 590

<210> 380
 <211> 654
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 380
 ccaaaactga acaaaccatc acaatggctg ataaagaacc tacacctgcc gagaccgctg 60
 ccgctacggc caaggaggcc gaggagcagg ctgctcttcc ctacaagtgg actcagacca 120
 tgcgtgagct caacgtcacc tttagcgtgc ccggaaacct caagtcgagg gatttcgtca 180
 ttaccatcaa gaagatgagc ctacaggcgg gtatcaaggg tcaggatcca atcatccagg 240
 gcgatctccc tcaagccgtc caagttgacg attccacctg gactcttagc accaactcag 300
 atggcaccaa gactgtcgag atccatctcg acaagggtcaa caagatggaa tggtagcctc 360
 acgttgctac ttctgctccc aagatcgacg tgaccaagat ccagcccgac aactctaagc 420
 tgcccgatct cgacggcgaa accgcgggca tggttganaa natgatgttc gaccagcagc 480
 agaaggagaa nggtctaccc agctntgaca acaaaaacaag ggggacatnc tcaanaagtt 540
 ncaggcgeng caccocgaga tggactttta gcaaggccaa gatccagtga acaaaaaaag 600
 ttttttatgc ctaaaattat attaaaaaag aaaacgttcg tttnttgtgc gggg 654

<210> 381
 <211> 543
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(543)
 <223> n = A,T,C or G

<400> 381
 gaagagaacc gaagacttgg tgcccagacc ggtgcatcag acattaagga gcatccattc 60

tttagaacga	cacaatgggc	actgattcga	cacatgaagc	caccgattgt	tcccatgccc	120
ggacgaggag	ttgataccgt	caacttccga	aacgtgaagg	agagcgagag	tgtcgacctt	180
tcaggatcaa	gggcgatgaa	cctaaagggg	gtaccttttg	acagtgggtc	agctactcct	240
ggcggtgaaa	ttcccgaccc	attccttgag	tttaacagtg	tcaccttgca	tcattgatggt	300
gatgatgac	accaccgctg	atthtgaaat	accgacttct	atthaggaag	ttcgggacac	360
tgctgttate	gggtgacctc	gacattaat	tgacatgtc	gtcgtagcta	tacgcatggg	420
tttacgatct	gaaattcctg	caatggggcg	tctttttttg	ctttttttcc	catcactcca	480
cacacttgac	actccttang	acntctgctg	cttanaangg	aaggaagaaa	aaatcgagaa	540
att						543

<210> 382

<211> 522

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(522)

<223> n = A,T,C or G

<400> 382

aggagattga	gaagctcaag	cacgacccca	atgtcgagta	cattgagcag	gatgctgtca	60
tcaccatcaa	ggctactgtc	gacagggaca	atgtcctttg	gggtatcgcc	cgtctttcca	120
gctccaagcc	cggtagcaag	acctacacct	acgacgagag	cgctgggtgag	ggtagctgtc	180
cttacgtcat	tgacaccggt	atcgatgttg	agcatcccca	ctttgatgga	cgcgccaagt	240
tcctcaagaa	ctttgctggg	ggcgtgatg	gcgacgggca	aggtaacggg	acccacgttg	300
ctggaactat	cggtctctac	acctacgggtg	tcgccaagaa	gccacccttt	acgccgtcaa	360
aggctcttgg	gatgacgggt	cagnatcaac	tnttgctgta	attgtggcat	ggactttgnc	420
gctggcaenc	cgatccgaaa	ctgcccacag	gnccgttgtg	aacatgtttt	tggnggggaa	480
actccatgct	gnaaagcgct	gcaaaacatt	gnangtggct	gt		522

<210> 383

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 383

atatatttca	ttcccaaccat	gatgagggtct	tggcgatctc	tggctgctgc	aactcgccag	60
ctaagatctg	ccttttaaaat	ccaacctcat	actctcccaa	aaccatcatg	tcttggtctc	120
ggaaactcga	agcttcaactg	ctctacgata	cggaagtcgg	gggtggcttc	taaccagacc	180
atgtccttcc	cctgccttga	tgccctagaa	tcacgctctg	cgaaactcac	agacgacgat	240
accgaacctc	cttatacatc	cggcgcgact	ctaaattacc	accacaagga	acctttcttc	300
tgcactgggg	tggtattcta	ccagagttca	apacgcttta	cganacgtgg	ggtagactca	360
acgcgcgaaa	gtccaaacgt	attctattac	acaccgggct	atcgctctcg	tcgcatgcgc	420
attctacaga	aacaaaccca	agccaggtatg	gagggaagag	tcattggaa-	tggtgggtct	480
cttgataaga	acaagtacca	cggtatctctg	acaaatgtca	tengcggttg	caatgggtct	540
acaaggacag	taacgtonat	nctggaaatg	gtgaacgcta	cgcantang		590

<210> 384

<211> 624

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 384

cgccttcac	atgtctacca	acgacgaccc	taaatacgac	gacatcgggt	ccgagtctga	60
ctctggagag	tctgtcggcc	acaacgaggc	tgccgatgag	aagcctctca	agtcggctct	120
caagaagtcc	aaccagctg	tcgccgagcc	cgccactcaa	aaacctctc	tgctcccca	180
aaccgacccc	aaagacctcg	atgtcgccag	cttgactcct	ttgacggccg	agattatcgc	240
ccgacaagcc	acaatcaaca	tcggctactat	tggccatgtc	gctcacggaa	agtcaccctg	300
cgtcaaggct	atctctggtg	tccagactgt	togtttcaag	aacgagctga	tccgaaacat	360
taccatcaag	ttgggttacg	ccaacgcca	gatctacaag	tgtgataacc	aagcttgccc	420
tcgacctgga	tgctaccgaa	gttacaagag	tgataaggag	ggtgacctt	cttgtgaacg	480
agatggatgt	ggcggtaact	atagactatt	gcgacacgtc	tnattcggcg	attgncctgg	540
tcacgatatt	ctcatgagta	ctatggtggc	aggagctgnt	ggcatggacg	ccggcctttn	600
cttatccata	qnaacqaane	ttgg				624

<210> 385

<211> 1088

<212> DNA

<213> *Fusarium venenatum*

<400> 385

gcaacagcgc	cgtactcgga	ggctggctctg	gtatccagta	cgttcccgac	tttacctctt	60
catccaccag	cattttcaag	attgccaccg	ctatcaaggg	cgagggtgc	actcctggag	120
ctatgtgttc	ttacgcctgc	cctgctgggt	acaaaaagac	ccaatggccc	tccgctcagg	180
gtgbcgataa	ggagtctgtt	ggtggctctt	actgtaacga	gaacggcaag	ctcgagctga	240
tcggtgagga	cttcgacact	ctttgcgatg	ctgggtgttg	tggtgtctcc	atccagaacg	300
tcctcgacga	ggatgtcgtc	acttgccgaa	ctgattaccc	cggaactgag	aacatggtca	360
tcctcgctct	tgccagcgc	ggtagctccg	tcaacatctg	caacctgccc	caggacaagt	420
actatgtctg	ggatggctct	ggcacctctg	ctcagtaact	tgtcaacaag	aagggttaca	480
gcattgagga	cgttctgtgt	tgggacaacc	ccaagggcga	ggacgctggc	aactggctct	540
ctgtgtgctc	cgggtgcggc	caagctggcg	atggcaacac	ctacatctct	atcttccaga	600
acctgcctac	tagcactgca	ttgctcgatt	tcaacattga	gatcaaggga	gatgttaaca	660
ctaagtgtct	ttacgttaat	ggaaagtggg	gcgagggcgg	atctggctgc	actaccacca	720
tccccaaggg	tggcaaggct	gttatccgat	acttctaaac	aaaagtaatt	tttacttgct	780
gagtaagatg	tcggttttgg	aacttctttg	tcaatattct	gggtggcgag	gctcaaggcc	840
tttcggctgc	aggctcacgga	cgaacccgag	tagcgggaata	tccggctgct	cgcacgagcg	900
aagtccccc	cttttgagct	ggttaaaaata	ttttaagtgc	tgtctggata	acgaaaagga	960
ccgatatttg	atttgatggc	cgatcttggg	tgtctttttg	atgtcgggtc	ttttgccacc	1020
cgtaacttgt	tttgcgaaatt	attttcatac	cgtcagcacc	tacttataca	ttgcattttt	1080
ggattggg						1088

<210> 386

<211> 591

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 386

ctcttttacc	ctcaacttct	ccaagggtgc	atcacaaagt	atcggccaat	actaccagct	60
ctctggctct	gcacaaacac	gttaccgggc	ctatcatgag	aacctcacc	gnacagcaqa	120
ctacctgaca	gaaacactag	agaatctagg	tttctgctac	atgtcagaa	gttccaggcg	180
tggtctcccc	ctcgttgctt	tccgcttcaa	gaccacccag	gagggcgggg	acctgacccg	240
ttactacgac	nagttcgc	ttgctcacca	cctgcgctct	cgaggctggg	ttgtccctgc	300
ttacaccatg	gctcccaatt	ctgggtgtaa	gatgttgctg	gttgttgctc	gagangactt	360
tacaaagagt	cgatgtgacc	agcttctctg	cgatgttaag	ctgtgcatag	gtctttctta	420

ggagacagat	caggagtcga	tcaagaacgt	gaaaattaca	tcaagaacca	tattgttgcc	480
atggggcttg	gaaancacct	caccccgttt	tacaaggaca	acaacatctc	ttcagggcna	540
gcatgcaaga	nacacnctat	tgctaaancg	cataaaaaga	tgaatattgg	a	591

<210> 387
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 537	
atcttctaca	agaaaaggca actgtgaaaa gggcaagaag tqcaagtctt cgcacgaccl 60
ttccgtggag	cgcaagacag agaagaagaa cctgtncacc gatcaacgag gagatgaaga 120
agaaacgaag	aagccgagac ttcagcagat tgggacgaag acaagctccg aagtgttgct 180
ttgtcaaaga	agggcaacca gcagaccacc actgacaaag tatgcaaatt cttcatcgag 240
gcaattgagg	atggcaaata tggttggttc tggatctgcc ccaacggagg agataagtgc 300
aagttcaagc	acgctcttcc acctggattt gttctccaga ctaaggaaca gagagcagca 360
ganaaggcgc	tcattggataa atcaccgctt aagactctga cactggaaga tttcttggaa 420
tctgaacgaa	ncaaattgac aggaaccctg accctgtgac acctgagtct ttccccagct 480
ggaanaanga	tcgacttgac cagaaaaggcc ctgaagaaca ggcnccnctg cttagganaa 540
cctggctcgt	ctatgtttona aanccgaaaa tggaagg 577

<210> 388
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 388	
ggttgngggg	gtccacgaca gcaatatcgc cagaaacctg taaaaactct tgcgactcgg 60
atctttaaatt	ctcaccgagg aagtatcagc catgggtgtc canaaaaaga ctcgcaagtt 120
cgagagggtc	aagcgagtta tgggtcgtcg cgatgccagg ttgaaggana acaagctcaa 180
ggctgagttg	gcccagaagg agaaggaaaa gaanaccatc antggcgaga ttatccgaga 240
agctcccca	atgcttagca acatgttctt ccagcacaac acagntcttg tcccgcctta 300
cagcgttctc	gtcgatacca acttcctcag tcaactcagtc cagcgaaggc tctctcttct 360
cgactccatg	atggattgcc tctatgcaaa gtgttaacccc atcatcacat catgtgtcat 420
ggctgagttg	gaaaagcttg gacccaagta ccgactggcg ttgagggttg cgcganacga 480
gcgatggaca	ccacttgagt gcgaccacaa ggggtgtatac ncanatgact gntttggngg 540
accgagttgc	aaaaggacaa aattttcatt gnggggcaca aacgataggg ggcttaaaca 600
acgaactacgc	aagattcctg gngngcccat ta 632

<210> 389
 <211> 722
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(722)
 <223> n = A,T,C or G

<400> 389

cgatctat	tc	cacgtctt	tg	gctaacgccc	ctcgttgtaa	tcactactac	ctttaacttc	60
ttaatcaaca	acccacattc	acaatggctg	gcggcgatct	caagaagggt	gccaacctct			120
tcaagacccg	atgtgctcag	tgccacactg	ttgagaagga	cggcggcaac	aagattggac			180
ctgctctgca	cggctctctc	ggccgcaaga	gtggtaacct	cgatgggttac	tcttacaccg			240
atgccaaaca	gcagaagggt	gttgagtnng	aacgacaaga	ccctctttga	ctacctcgag			300
aacccaaga	agtacatccc	cggtaccaag	atggctttcg	gtggcctgaa	gaaggagaag			360
gaccgcaacg	acctcattgc	ctacctcaag	gactctacca	aataagcgac	tacaaatcgc			420
gtgtaatggt	acgactttcg	atagatggga	accgccaaag	ggcgactgta	ctatagattt			480
ttacacaagc	acttggttaag	acatgccacg	tgcttaccca	ttcctatctc	ctctttatgc			540
gtctccgtcc	gatacacttt	ttttaaagaa	aagcccggcg	ttggacgagg	caaacgggaa			600
tgaacatgag	acattagaac	atgagatgtc	cgctctctcg	cattcagaga	ttattgtttt			660
attatgatta	gacagagatt	aaaagcttct	cgaattctca	cctnttaccg	caaaaaaaaa			720
aa								722

<210> 390

<211> 75

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 390

ctcgacacgg	ccgatcgctc	attccccctc	ggcatcacga	caaccgcaat	catgagcgcc	60
accaactcgg	ttcagtgttt	cggttaagaag	aagacggcta	ctgctgtcgc	ccactgcaag	120
gcccgttaagg	gtctcatcaa	ggccaacgga	cgtccccctc	agctcgtcca	gcctgagatc	180
ctccgcttca	aggtctacga	gcctctctct	gttggttgcc	tcgacaagtt	cgccaacatt	240
gacatcagag	tgagggtcac	gggaggagggt	catgtctccc	aggtttacgc	tatccgacaa	300
gctatcgcca	agtccttggt	tgcctactac	cagaagttcg	tcgatgagca	ctccaagaac	360
ctcctgaagc	aggtctctgt	ccagttcgac	cgaacccttc	tcgttgccga	caaccgcggg	420
tgcgaagccc	aagaagttcg	gtgggtcccg	tgcccggtcc	cgcctttcag	aagtcttacc	480
gttaaacggg	tcaagatggt	tgtcggggatg	gggcacaaaa	gcgtcgagtc	ggancgatgt	540
tgcagtgagg	gatacaacgg	gcagtgcnaa	aaaggaaccc	gagtcacaaa	tttccctggg	600
tttgggaatg	ggttaacctat	tgacatttgg	catggccttg	cttttgccgg	attgtacagg	660
atctggcagg	caaataaaat	ctttcaagtt	aactatgcgg	ctcacgctgt	aatggttgtg	720
atgtcaatga	actgtctctc	cgtggacttg	ctccg			755

<210> 391

<211> 281

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 391

ctggntcttt	tacogtcaca	tgccttatct	ttttccttat	gaaccttatt	ccaggactac	60
gcctacgtgt	cgacggggag	gctgaaatct	agggcatcga	cgacgctgag	attggagagt	120
ttgcctatga	ttatgtcgag	ctcaccggag	aagttgtcag	cgacatggac	aacgagtctg	180
gaagccgata	ctcaggtgat	ctcagggcgt	tccaacacta	cgagaagaac	catatnccca	240
tgctcgatgc	tagnatgntt	ggtaggcac	ctgncctatg	t		281

<210> 392

<211> 705

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 392
 ctgggttgac caagcccgta tccccgaccc tgaggccaag aagcccgagg actgggatga 60
 ggaagccccc ttcgagatag ttgacgaaga ggccaccaag cctgaggact ggctcgagga 120
 cgaggccggt accattcccc accccgaggc tgagaagcct gatgactggg atgacgagga 180
 ggatgggtgat tggattgcac ccactgttcc caaccccaag tgtgccgatg cctctggctg 240
 tggcccttgg actcagccca tgaagcgcaa ccctgactac aaggggcaagt ggaccgcgcc 300
 ttacgtcnga gaacccctgca tacaagggca cctgggctcc ccgcaagatc aagaacccca 360
 actacttttga ggacaagacc cctgccaaact tttagaccca tgggagctat tggcttcgag 420
 atctggacta tgcaaaacga catcctcttc tgacaacatc tacatcggtc actccatttg 480
 gaagatgcca acaagcttcg ccgaagagaa cttttgggtg caagccacct tgttgagaaa 540
 ggcccttcgct gaaggccgat aggcccaagc aggaaggaca agnccccgat cttctaacga 600
 acctgaactt natggangga tctnttcat ttcaattacc cgagnaaaat tgaccttttt 660
 aaagggcant tgttggccaa gnaccccatc tcangntttt taaan 705

<210> 393
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 393
 gccatnctgc acttcaacaa cgcaccaagg gttaatgtcc ccgctcgacg attctttgccc 60
 gtcaagacct gctctgacct catgcttgct aagtctgac tctacacatt gaagcacggc 120
 cagcttcaaa tgagcgcgc ccgcttcggt gacgccccct tgattaagct tgggtggtgat 180
 ttcaagaagg tctcagactt ccagaagcga atccccctca tccccaagggt gttggagctg 240
 gaccacctac catcactggt gccgtcaacc tcggccgtgg tgtgacgctc aagggcaccg 300
 tttatcatgt tgccacagaa ggcagcacta tcgacatccc acctggatct atccttgaga 360
 acgttgctgt gcagggtagc ttgcgtctgc ttgagcatta aagtgggggc atgttggaat 420
 ttgtgcgctt atgtcgcgca tgttggtctt ngagtccat tgncaanggc ttttgaagtg 480
 gatangataa ggnngngata cattggtaga catttttaag caaatttttg anggaaaagg 540
 atattnttgc tatngcattg gangaatggc ttccgcgtca ngnggggggt naaggggaggt 600
 cagnaattcta nctcgactt tttacgcttn gg 632

<210> 394
 <211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 394
 gagacccctgg ggggagtttt taagagactt atcaacccta alaccactat tctatanaag 60
 aagtcaccagg tcttctccac cgcgcgcgat ttccagaccg ccgtcgagat caaggtctac 120
 cagggtgagc gtgagctcgt caaggataac aagcttcttg gaaacttcca gcttggttgg 180
 atccctcttg cccaccgtgg tgttctctca gtgcaggtta cctttgacat tgacgcgcag 240
 tccattgtcc acgttccagc caaggacaag tccaccaaca aggaccagtc tattaccatt 300
 gcttccggtt ccggtctctc tgagagcgag attgagcaga tggttgagga ctctgagaag 360

tacgccgaga	cttgcaagga	gogcaagagt	gctatcgagg	ctgccaancg	tgccgacagc	420
gtcttgaacg	acacttgagc	gtgctctaac	gagatgctga	caactngaca	agaccgaggg	480
cgcttnatca	aggaaagatc	acactttcgg	gagtcggttc	aaaacttttt	gggaaggcat	540
tgttccgtn	cggattaagg	gaanacngtg	actcaggtnc	agttgacttt	tatagatcca	600
aggccgaaga	cacaggggnn					620

<210> 395
 <211> 596
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 395	
cgaaggtagc	cttgagaaat
caacaacaac	attgtgtacc
cgactttaat	ggctggaacc
gaaattacga	tccctgcccc
ttctcttttg	acttgccccg
gtgacacang	acttgctcgt
tcccagagacc	tacaaagttc
taonaagcac	acgttggcat
ccccaaaaaca	tgctcccttc
tggtatggaa	catgcgtact
	tatgcnagtt
	ttnggattat
	aaaatnacaa
	cttttt
	50
	120
	180
	240
	300
	360
	420
	480
	540
	596

<210> 396
 <211> 624
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 396	
ggcgtctttt	gagtccttcc
gcaatcgtcg	acctcctctt
cgcttcatac	ctctactcat
tttcccccgg	caattctcaa
tgcgctcgtg	gacaagattc
taacttcacat	gctgacgcgg
aaagtctgaa	ttttatgacg
tgcgcagaa	cacacgcgca
gagtcgaattc	gaaccataca
agctcggcgc	atcgggtcaa
ttccanggta	aatacnnccc
	tttg
	50
	120
	180
	240
	300
	360
	420
	480
	540
	600
	624

<210> 397
 <211> 815
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G


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<400> 397
caaatgaatg agcaacaaga cccacagtec gcaaacaccg cgggttacga gtttgaaggt      60
gtaaaggaac aagaccgctg gtcacctata gccaatgttg ctgcgattat gaagaatgcc      120
cttcctgaaa atgccaaaat cgcaaaagag gccaaaggaat gcatgcaaga atgtgtcagc      180
gagttcatct ccttcatacag aagtgaagca tcggaaaagt gccaacagga aaagcgcaag      240
accgtcaatg gtgaagacat tctttttgcc atgacatccc tcggctttga gaactatgct      300
gaagccctca aggtttactt gagcaagtac cgagagcaac agaaccaatc caaccgagag      360
agggtaaaca tggataacgg acaatggggg tccggtacta tgatgggcga tgccaaggcc      420
gaatctggcg ccggcgagtt tggacatgaa ggcaatagcg ttgaaggtgc tgaccccaac      480
tacatgtatc agcccggcac aacggtaatg ccgcgaagg gtattagtgg aatcgaatgg      540
cttggtggcc gcattttcga atgatgaacc agacgagaca ggcgaaagccc aagcttatac      600
gataagccca nccaatacaa cagtgtctgac aagatgaagt cgacaaccag tcatcgatcc      660
ccttttacct aancgtttcc aagccatana agccgacctt nttgnttgaa ctaaacaatc      720
gtntggctac atcaaatttg gatgatnqga tgataatgga aaaacacctg gaccttggan      780
gggatganaa tgaacccaac tctttttcaa aaaga

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<210> 398

<211> 640

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(640)

<223> n = A,T,C or G

<400> 398

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agaaggctgg agagggtcaat gttcagggtta tccatgaccg acattacaac aagaacgtca      60
aggttgatga cnaagatggg cattacattg ttatccctga agctgaactc acggacaaat      120
accaaactgt ccgtctttctg ggccaaggaa cctttggcaa agttggtgaa gcccgcgacc      180
gcaaacgtaa caaggccgtg gctgtcaaaa tcattcgatc agtccagaaa tacagagatg      240
cctcgagaat tgaacttcgc gttcttgaga cctcacaacg aaatgacgag gagaaccgta      300
accgatgcac tcactgcga gactgttttg attaccgagg ccacatctgt atcgttatgg      360
acttgctgga ccaaagtggt tttgactttc tcaagggtaa tggttttgtt ccattcccca      420
acaagtcaag attcaagagt ttgcgcgcgac aactctttac cagcgttgcc tttttgcacg      480
atctcaatct aatccacaca gatctgaagc ctgagaacat tttgttctgc gaccacgcct      540
attaaacgtt taactacaat cgccagatcc ttcttctctn cactgttaac gccaggcccc      600
caacnccgtg tgtntctnaa ctgaatccgg ttaaccattt

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<210> 399

<211> 592

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 399

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atctgtctct tctcgcgctc gcaacctctg ggtcgccact cacaactcca tgggtctcgg      60
cgaagggaatg gtctacttca ccacctatt gaaaactctt gctcaacttc ggcctctccc      120
caacaacatg gtctggcnac tgctgacggg aachagacca gcgggtgctta ctacgtctgc      180
ttgattgaca agcaaacccc taqcatcatt gctctgtctc gtcagaacct taccacagctc      240
gagggtctct ccaattgaaaa gctgcbaagg gtgggttacgt cctgcgcgaa gttgaagggtg      300
ctgacattac cctgggtttcc accggtttctg aagtttctat cgcggtcgac gcgcgcaagt      360
actcgaagan canaaaaaca tcaaggctcg cattgtctcc atgcctgct ttgaagcttt      420
cgacctccaa gacaaggaat accgcctctc tgtcttcccg acggcatccc tctctgtcca      480
ttgaggtgat aacacatggc tgggaagcta cctcacaaca ttongtatca atgatccgtg      540

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ctctngtgct acaaggactc tacaaaaatt caattcaccc cnaaggtncc cc

592

<210> 400

<211> 618

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 400

tgacaggaga	atcagaagcc	aagcacgttc	aattctcttg	cctggaagct	tacggtgcat	60
caatccccat	caaaaaagct	attgaccccc	aaggcgatgt	gatactcgcc	tatggaatga	120
atggccagga	gcttcggaga	gataatggat	ccccattacg	tgagattggt	ccaggacatg	180
ctgctggcgg	gtcagtgaaa	tggttgaacc	atgtcacact	cagtgatgaa	gagagcacat	240
ccaatggca	gcgacgcgat	tacaagtgtc	ttggacccaa	ccaaacacag	gtagactggg	300
ataccgcacc	ttctatccag	gaaatgcctg	tccagagtgc	tataacgact	tgcaaacttg	360
gtgattgggc	gaagagcaat	gatacttatg	ccaagcctgc	ttcattgaca	ggctatgcat	420
actcgggcgg	cggccgtgcc	atagtccggc	ttgatatctc	tgacagacaac	ggcaagactt	480
ggccccagga	ttccatcatt	cccgattgct	cgacgaaaga	nggtgaacaa	tctccctgct	540
ttggtcacgc	cgnctgggct	tggcgaagat	ggaagtccga	tggaacctgc	cgntgagcgc	600
tttcgagaca	tcagagcn					618

<210> 401

<211> 584

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(584)

<223> n = A,T,C or G

<400> 401

caaactacca	acaaaacacc	acatctttca	acaacaatgc	ctcggataaa	gaagaaaggt	60
caggccgggtg	cctccaagaa	ctacgttacc	cgaaatcagg	cgattcggaa	actacagatt	120
agccttcccg	acttccgaaa	gctatgcatt	tggaaggga	tctaccctcg	cgagccccga	180
agcagaaaaga	agtttccaag	tcattctacca	gctcgaccac	cttttactac	accaaggaca	240
tcagtagct	gctccatgag	cctctgcttc	agaagtccg	cgaccagaag	gttctcagaga	300
aagaatctc	tctgtgcgtc	ggcgaagag	atgtcnctga	tgccgctcgt	ctcgaaggta	360
agctgogcg	ccttgagaan	atggaaaagcc	tcgctacact	cttgatcatg	tctccgagag	420
cgtatctca	ccttcacoga	tgctatccgc	gatctcgang	actgtctgtc	aatgtctctc	480
ctcttcgcca	atctgccttc	aacaagctca	gtcctgctaa	gangatgccc	gttggaacgc	540
ctctgctcaa	ttccacacta	tcttatgtnt	caagaactcn	caat		584

<210> 402

<211> 587

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 402

cttatctgga	tctttggtga	atagctgag	aagatcaaca	atgcagatga	gatcttggag	60
agctttgtcg	agtctttcat	ggaagaqftc	acacagacac	aattgcaaat	attgacagct	120

gtggtgaagc	tattcttgaa	aaagcctggc	agtagccaaa	atctggttca	aaaggttctt	180
caggcagcta	cagcggagaa	cgataacccc	gatatccgcg	atagggcata	tgtgtactgg	240
cgtcttcttt	cctcggaccc	cgaagttgcc	aagagcattg	tcctatccca	aaagcctacc	300
atcacaaacta	cgatgacaag	tcttccaccc	gctctcttgg	agcagctcct	taccgaactt	360
tctactcttg	cttcagttta	ccacaagcct	ccagantcat	tcgttggcaa	nggtcgttcc	420
ggtgccgacg	anatccagcg	agctgctatc	caggagcagc	gacaaaacgc	tgccgaaaac	480
cctatcgccg	cttcagttgg	cactgcttca	cccaacgggt	ctggcgggtg	tgcacagaac	540
aacattgana	acttgctcga	cattgatttc	gatggtgccc	cgccctgc		587

<210> 403
 <211> 514
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 403						
ctaccatcta	gccaagatga	gtggaaacca	ggttctagtc	tgcgcaccct	ccaacgtcgc	60
cgtggatcag	ctttgogagc	gcgtccaccc	cactgggctc	aaggtggtec	gtctcacagc	120
caaatcccg	gaggatgtcg	aatcgtctgt	tagcttcttg	gctctccatg	aacagggtccg	180
tatgtcggag	cacaacagcg	agctcgtcaa	gctctcgcag	ctcaagaacg	agctgggtga	240
gctttcaagt	caggatgaga	aaaagtacaa	gcaactcacc	aagattgccg	agcgtgacat	300
tctcaacaat	gcgcagcttg	tctgctgcac	ttgtgtgggt	gctggtgalc	ccgcctgttc	360
aaagatgaaa	gttcagaaaac	gttctgatcg	accagtaact	caatcaagca	gagcccgagt	420
gttgatcccg	ttcgtcttcg	atgcaacagg	tggccttgtg	gtgacacaag	cacttgggtc	480
ggcatcatga	caanaagntt	gccaaggccg	gent			514

<210> 404
 <211> 678
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 404						
nggggaaatg	atgcccatth	tentcctntt	accananaag	atctgagaga	gcgctttggt	60
gatctcaacc	cogatgated	tgaaggctctg	ggctcatgcty	llatgggtca	aggcgcttct	120
atcaacattc	gttcgagcgg	atgtttcggg	ggtcacggtc	taacaatgtc	cgtacaaaac	180
taacatggaa	tccttcaatc	catcctctca	aacgatggaa	agctcctcaa	gcctgaaact	240
gtagacgaca	tgtttcagaa	tcattctcagt	ccgaagcag	ccgctgggtca	tcaagtcatg	300
ctggcaagcc	ctatgggtcc	tttcttcagg	gttggaattg	atgagaatac	caaacttggg	360
catgggtcttg	gaggtgctgt	gacgcttgag	gatatagacg	ggtgggtatgg	tgtcacaca	420
agaggttggg	ggggagggtt	gactttgact	tcattttattg	accggaaaga	atgatatttg	480
gtagacttgg	agctattttg	gctgctctac	ctatggatga	cgtggttacc	caaaaanagcc	540
tcagacttga	angatgttat	taggaaggac	gtctatctta	aatacgttga	tlggaaagag	600
ggttaaccagt	gatgggtgtca	gatcanngtg	gatacggaaa	tgggtccgaca	attaattttc	660
tctacttntt	naaacatg					678

<210> 405
 <211> 685
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

<400> 405
 atcgtgtcct ctgatagtag ccacctttta taagtcatcc ctctttctgat tgtttctttt 60
 tgcgtgttaa ctctgggtgt aaatcaaaca aaatgtcggc gcaagttatc tccaactccg 120
 gtcattgagga catgattcat gacgtgtgcc tcgactacta cggcgcgaag ctagctactt 180
 gctctggcga caagacgacg aagatctttg agattgaggg cgagaccag cgattgggtcg 240
 agactctgaa gggatcatgag ggtgtgtgtt ggtgtgtcgc ctgggcgcac cccaagtacg 300
 gcaacatcct ggcacggcgt ggctacgatg gaaagggttt catctggaag gagcagggtg 360
 gacagagcaa cggatggcag cgaatctacg actttccctt acacaaggcc tcgggtcaaca 420
 tcgtctcttg gtctcccccac gaggtgtggt gctgtctagc atgcgcctct tccgacggca 480
 atgtcagcgt tctcagattc aaggacaaca gcatcgacca caccaccttt gccgtcacg 540
 gtctcggcgt caactccgtt tcttggggcc ccagctacaa cccccggcag cattggtagc 600
 agcgtctctg gncctgggtg tatgttaccg gcatctgttc actgggtggg ggcagcagtn 660
 ctccaaactc tggcctttga ccttg 685

<210> 406
 <211> 598
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(598)
 <223> n = A,T,C or G

<400> 406
 gtcctctcca aggcgggtgt tcaagtcact gttgcttgcc gtactctcgc ttgggccaan 60
 aacctgcgcg gtaactacga caacaccaag gccatcagcc tcgacgttaa cgattccgcc 120
 gctctcgagc aggcgtctc tgagcacgat gtcaccatct ctctgatccc ttacacattc 180
 catgctgcgc tcatcaaggc cgtatcaag gctaanaana atgtcgtcac cacctctac 240
 gtctctctcg ccattggagga gctccacgag gaggccaagg ccgctgggtat taccgtctc 300
 aacgagattg gtgttgaccc tgggtgtcgac cactctacg ctgtcgactt catcgaccgt 360
 atccaacagg agggaggcaa gatcaagtc ttcaagagct actgnggtgg tctccccgcc 420
 cctganaact ccaacaaccc tntaggatc aagttcaact ggagcagcc nggtgtcttn 480
 tggccctnaa aaacaacnc nagtctacga ngacaacaag ctggttgaaa ttctccgng 540
 tcnacctgat gaacactggt naacccttac cacangggat accngggatt naactttt 598

<210> 407
 <211> 602
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 407
 tntcactcc gcatctcaaa cgggtcttcc aacbaaacgg catttaaaaca tctcgataac 60
 gggacacatt catctctttt catcaaatat ttatctcact tatcaacatg actggacgcg 120
 gcaagggcgg caagggcctc ggcaagggtg gtgctaagcg tcaccgaaaag attttgcgag 180
 acaacattca cgggtatcaca aaqcccgcta tccgacgtct cgtcgtcgt qgtggtgta 240
 aggtatctc tgcattgacg tggaggaga cccgggtgt tctcaagacc ttctcgagg 300
 gtgtcattcc tgatgtgtc acctacact agcacgcaa gcgcaagacc gtcactctc 360
 tcgagctgt ctacgcctc aagcgacagg gccgtacct ctacgggttt ggtgggttaag 420
 catttacttg cacacgggt ggctcttttg gctttgaaaa ggattgtaca agtcgcacat 480
 ttgcagatac tgggatggat gtatttgaca cggcgttggg gaaacacgga tatgatatta 540

ccattaggcg tcattggaaga cnaccttgcg aaatgaatac cacattgaac atttaacttc 600
cg 602

<210> 408
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 408
acgaaccgag attcaactta tttcttttgcg acatttttgcg cccccaacgc ctacttttct 60
cattcttttc gactttttct tctctctttt ttttttttaa ttaaacccca caccacatcac 120
acgatccgat acaatgcctg ctcttttgtg aggatccaag accgttcagc gaaagctggt 180
tctactaggt gatggtgctt gcggaagac atcattgctc aacgtcttta cttagaggcta 240
cttcccaacg gtttacgaac ctaccgtttt cgagaattac gttcacgaca tctttgttga 300
caatgtccac atcgaactct ctctctggga cacagccggc caagaagaat tcgaccgatt 360
acgatccctt tctacgatg acacagatct catcatgctc tgctactcag tcgacagcaa 420
agaccactcg aaaacgtaga atccaaatgg gttngcgaaa tcgccgacac tgcccaggca 480
caaaactcgt cctcgt 496

<210> 409
<211> 929
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(929)
<223> n = A,T,C or G

<400> 409
ctatecatct ccaaaaggtc caacagactc aaaccgccat catgcttata tacaagggtac 60
gatcccgcca ctagggcctt tgctttttat tatcttcagg ctctatcttc atctccctct 120
gctgtgctcc tctgttgcca gtcttttcta cttctcgcg ttggttgtgg tatccatctc 180
caaaaggctc aacagactca aaccgccatc atgcttatct acaaggacat cctcaacggt 240
gacgagctca tctccgactc ctacgacctc aaggaggtcg atggcatcgt ctacgaggcc 300
gaatgcgcca tgatcgagga gggtaggtgc aacgttgata tcggtgccaa cgcttcctct 360
gaggaggtcg ctgaggatct cgacgacacc gtggtcaagg tcaacaacat tgtcagctcc 420
ttcctgtctc agagcaccct ctccgacaag aagagctacc tgacctacct caagggttac 480
atgaagcgcg ttaaggctgc cctccaggag aagaatgctt ccaagacnag gtcaaggcct 540
tngagaccgg cgctttcaag ttctgcaagg acaagcttct tcccaacttc aaggatttcg 600
agttctacac tggcgagtct atggaccccg atgccatggt tgcctcctc aactaccgtg 660
angacggtgt taccctttac atcatcgtct ggaagcacgg cgtcactgag atgaangtct 720
aagttngcaa taatgccacg gtgatgnttt tggntctgct ccatcccgct tgcaatgaca 780
aacaggcgag cagttgttta gattacgagc cacacgaatc tcgatttcga cgctggtaca 840
tctctcgaga tgcagcgagc agacgaata aaggaanaga agaaagaaag aaagaagcta 900
cgaagtcca actatggtat tttgtcgat 929

<210> 410
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)

<223> n = A,T,C or G

<400> 410

gttggtgaca	atggcgccctt	agcagagcag	tttgacaaga	acaacggacg	ttccctttct	60
gccacagacc	tgacctgggc	gtatgctgct	ttcctctctg	ctgctgaccg	ccgagccggt	120
attgtccctc	cttcttgggc	gagcggcgca	gctgttgctc	ctcagcagtg	tggaactcag	180
accgtcgctg	gctcgtaact	gctcgccact	gcaacctcgt	tcccgccatc	gcagactccc	240
aaggggcgcg	ttccatcccc	cacgggcacc	cagcctacaa	cttcacctac	ttcttgtgct	300
atcgcgactt	cagttgctgt	tacattcggt	gagacgggtc	ccaccaactt	cggcgagacc	360
atcaagattg	ttggcaacat	ccctgctctt	ggtaactggg	acacttcgaa	ngctgttgct	420
ctgantgcct	ctgactacac	ctcttccaac	cctgtgtgga	aggcaaccat	ctctcttgcg	480
acaggacaag	atatccagtn	caagtnccatc	aacgttaaaa	aagatggctc	tgtcacctgg	540
ggaaaaagac	ccaaccgcac	ctacactgtc	ccaaganatg	cgctacaaaag	gcaccaagan	600
ggataattgc	atcgtaagaa	ctgcatcatt	ccactcantt			640

<410> 411

<211> 587

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 411

ggctgataac	aagcctgcct	cactctactt	cgacgacgtc	gcttataatc	tcaatggtaa	60
acagattctc	acaggaatcc	gtgggtattt	caaaccggga	gaagtaactg	ccatcatggg	120
tgcttctgga	gcaggaaaaa	cgacattcct	cgacatactc	gcccgaaga	ataagcgcg	180
acaggttcat	ggtaatttct	atgtcaacgg	agaaaaggtc	gacgatggcg	actacaagaa	240
tggtgttgga	ttcgtggatc	aggaggatag	tatgctccct	actcttaccg	ttcatgaaac	300
gattcttacc	agtgccttac	ttcgacttcc	ccgcgacatg	ggacgtgctg	ccaaggagca	360
acgantnctc	gaagtcgaga	aagaacttgg	cattcaccac	attcgtgact	cccttatcgg	420
ttctgaanaa	agcaaggggc	gtgggtatctc	cggtgggtgag	aananaagtg	ttggaattgc	480
ctgcgaactg	gtgaccaccc	ctcgatcttg	ttctgggatg	aanccaccag	tggcctcgat	540
gcttacaacg	cctacaacgt	tattgaatgt	cttgtgactc	ctgcgaa		587

<210> 412

<211> 717

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 412

ttcttttctt	tttcaagaa	ttttacaatn	aaccacaaca	aacaccatca	caatgtctca	60
agtcttctgt	cagcgccctg	cgcccgagth	cactgcaact	acctctttcc	ccggaggcga	120
gttcagagac	attaagctct	ctgacttcaa	gggacaatgg	gttgtctctc	ttttctaccc	180
catggacttc	accttcgctc	gccttaccca	gacatccag	tacaacaaag	ctctcgaccc	240
cttcaaggag	atcaacacca	cgtcctctgg	tgtctctacc	gactcccaat	tcacccatct	300
tgcttgggtt	gagaagcccc	gcaagcaggg	tggtctctgg	cccgacctgg	agctccccct	360
catcgccgac	aagtcacaca	agatctctct	caactacggg	gttctgcttg	aggacgaggg	420
catcgctctc	cgtgggtctc	ctatcatcga	ccccaaaggt	gtctctcggc	agatcacctg	480
caacgaactt	tcctgctggc	gcgacgtcga	ngagaccatc	cgtctcgtca	agggctttca	540
gttcacccgac	gagtaccgng	aagngtgccc	ttnttggctg	gcaggaaggg	cggaanaca	600
ttaaaggccg	ancccaaggg	cagntctgan	ttttttccn	ccaaggagan	aatggagcta	660
agggatanat	gttagaaacc	ttccaaggaa	accogaattn	catttaacac	cgttttta	717

<210> 413
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

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<400> 413
gacaaggaga aagaagatgc tcagttcaat ccagaagagg aggcagtgaa cggaatggca      60
aacggggcca gtggcgagtc gctggacgcc aacaacattg gaactcatca caataccatc      120
cgtatcaaca agtccgtcca ctctaaaaac caaaagggtc acccagttgc cgcttggaaa      180
ttatccaacc atcgaatcaa tgctttctca ttctcaccag ataaccgaca tctggcggtg      240
gtctcagagg atggtacgct aaggatcatt gattatctga aggaggagct ccttgacgtt      300
ttctactcct attatggcgg gctcacatgc gtttgctggg ctccagatgg tcaatacgtg      360
ctgactgggtg gtcaagatga cttgatatct atctggtcac tatcagaatc agcgctagta      420
gccagatgcc agggacacca gtcttgggtg tcaagctgtt gcatttgacc cttggagatg      480
tgaagaatga aattactgat ttggtagctg tgggagaaga tggagatctg tgtttgtggg      540
attttagtgg tggcatgctt caccgaccca aagegcacac tgtgagatad cgcggttoga      600
ttcgtacgct ataccggcgt tgcaaaaggc t                                     631
  
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<210> 414
 <211> 566
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(566)
 <223> n = A,T,C or G

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<400> 414
ggttggttttc ctacctggta cggcgaaactc tactttgagc tacacagagg aacgtacacc      60
acacaagcca acaacaagta ttacaaccga aaggccgagg tgatgctacg ggacatcgaa      120
caattggcca cgtatgcac aatcaagaac aagaagtaca agtncccaac caaggatctt      180
gatgatatgt ggggaatctgt ccttctctgc cagttccatg actgtctacc aggaagtagc      240
attgagatgt gttacgacga ttccgataag gtctacgctg aagtttttga aactggcaaa      300
cgtctctctga acgatctctc cgattcactc aatattgccg gccaatcttc atcaagcctt      360
aacgaatcgg nggccatcaa cacactgcct tggcaccgaa aagagctcgn ggagctctcc      420
gatagtgaag tcggtatcgc atgtggtgat ggcaactatt gccctccgct cgtcaagggc      480
aagaaganaa gcctgcantt ccgtgatgga acagtccacc cgacgtatnt gtnttgcaaa      540
acgaccaact tccgtgtcgt tgggtga                                     566
  
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<210> 415
 <211> 633
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

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<400> 415
aagaacattc acaggggcaag aaccatcacc cttgaaggtc gaattctctc gaacactaat      60
cgaacaaatg ttcaagttcc aagaatccag gaacaaangg aaaggcatte cctccctgaa      120
cgaagcagcg aactgggaatt ttctggcctgg gtttaagccag ctttgaggga atggggccgca      180
ccctctcorga ctacaacatc caaaaggagt caacccttca tctcgtctct cgccttctgt      240
gtggtatgca gatcttcgtc aagacccctc caggcaagac catcacctct gaggtogagt      300
cttcagatad tatcgacaat gtcaagtcca agatccagga caaggaaggc attctcctg      360
accagcagcg actgattttc gctggtaagc agcttgagga tggccgcacc ctctcagact      420
acaacatcca aaaggagtca acccttcactc tctcctctcg ccttctgtgt gggtcagtag      480
  
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gggcttttat	tactaggtgg	ctagtggcta	ttatgagaca	cagtttatga	aggcgtttgg	540
gaccggctat	agcatagcat	aacatanctt	acttcgcaag	gcagcatttt	taatagactc	600
gattgaagtc	tangtggctg	tnttaccoga	tccctttgcc	ttccggctgg	nactttcctg	660
cggacgtcaa	gcatgnatct	aga				683

<210> 416
 <211> 628
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

ctcgacacagc	tggagaagag	tctctctctg	tctatcgagg	cgtaactgct	gtctctcgatc	60
agcatgacgc	ttgtgaacaa	gtatgttggt	tccgggcagtt	tctggaacct	caactttttc	120
tacttgactg	ttcaggctat	tgtttgata	ggcagcatta	ctttgtgcaa	gcagctgggt	180
ctgatcaagg	ttctcgctcc	ttttgatgct	gaccgagcaa	ggaaatgggt	ccccatctct	240
cttctctctg	nccgcatgat	ttataccagc	accaagtcgc	tccagttcct	ctcggtagcc	300
gtttatacga	tcttcaagaa	cctgacaatt	atcgtgatcg	catatggaga	ggtgctttgg	360
tttgggtgga	gcgttacccc	tctggcccta	ctttcgtttg	gtcttatggc	ctgagctcaa	420
tccgtgcccgc	ttgggctgat	attcaaagng	ccatcaaagg	cgattttggg	actggngact	480
ctgctgcccgc	tgtgtctacg	cttaacgctg	gttaacnctg	gatgggcata	aatgtgttct	540
gcagngccgc	ctacgtgctc	ggtatgcnc	agggtatcaa	aaaaaagaac	tttaaggact	600
gggacccatg	tntacaacaa	tntntca				628

<210> 417
 <211> 689
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(689)
 <223> n = A,T,C or G

ccgacgggtac	cgttactgct	cccaacgctg	cccccatcaa	cgatgggtgcc	gccgctgttg	60
tctctgtttc	tgaggccaag	ctcaaggagc	tcaacctcaa	gcccgttgcc	aagattcttg	120
gttggggtga	tgctgagcgt	gagcctgagc	gtttcactat	tgctcctgct	ctggccattc	180
aaaggccat	caagcaagct	ggtttgacgc	ctgagcagat	tgagtactac	gagatcaacg	240
aggcctttctc	tgctgttgcc	ctcgccaaca	tgaagatcct	tggtcttaag	cctgagcagg	300
ctaacgtcta	tggtgggtccg	ttgccatcgg	cacctctctg	gctgctctgg	tgctcgtatt	360
gtcaccaccc	ttgcctccgt	gctcaaggag	aagaaggcca	agaatgggtgc	cgttgggtatt	420
tgcaacgggtg	gcgggtgggt	tnccgttttg	tcattgagaa	cctgcaataa	aaagggcgac	480
ggattgataa	ttgatgattt	tggaacgacat	aaatatgaat	gggcatgcaa	tgcaatgaat	540
tgcaaaaagt	tagatcgact	gccaaatcag	gcgtatatcg	atgcggctta	tgaatttctt	600
gttcbaagaa	ataccacttg	cataaccatt	agagttagata	taattacttt	taattcaagaa	660
caggagatca	gcataatctc	tgtatttga				689

<210> 418
 <211> 604
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(604)

<223> n = A,T,C or G

<400> 418

cttccatccc	acgactctat	acccatcaaa	ctacagtata	cacctagcgt	gtatatctct	60
atccacaact	ttcacacctc	aaaccatcaa	catgactgga	cgcggaagg	gcgaaaaggg	120
tctcggcaag	ggcgggtgca	agcgtcaccc	aaagatcttg	cgagacaaca	tccagggtat	180
cacaaagccc	gctatccgac	gtctcgctcg	tcgtgggtgg	gtcaagcgta	tctctgccat	240
gatctatgag	gagaccctg	gtgtcctgaa	gaccttcctt	gaggggtgtca	tccgtgacgc	300
cgtcacctac	accgagcacg	ccaagcgaaa	gaccgtcaca	tctctcgacg	ttgtctacgc	360
cctgaagcga	cagggacgta	ccctctacgg	tttcgggtgg	taagcgcttt	ttgttttaca	420
tgctgtttac	gaatctttgc	ggtcgactgc	ttgctgcgca	ggaccttgta	gggtggttca	480
tgatgacata	tgggtccggg	tattgttttt	gggtgttttg	taccataagg	gatttggggg	540
attacattcg	gggataatcg	aaaatgccct	cgaggcgata	ttgatcacia	anaaaaaatt	600
taat						604

<210> 419

<211> 976

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(976)

<223> n = A,T,C or G

<400> 419

gocgagggtc	gagatcgaca	tttatatgct	ttgttctcgg	tttggcaacg	gagcttagat	60
gaggacctcg	attacagtaa	cggctactcc	agccccggcg	acgaatactc	agaccagagc	120
ggatcaccag	tggggagccc	tgcgcaagat	tcacaccatt	cagttgatgg	tgctgagggtg	180
aggectacgc	gagatcggtg	ctatagtatc	aactctcgat	ctcgagacca	aacccctctt	240
cccgtctgtg	tcgccgatgc	tggatgggat	aaactcaaca	acaccattct	tttcaacttc	300
caactgtggc	aatcctgccc	ttcgccaatt	tcgggtttgg	tcctacttca	aggagatgga	360
ttcgggtattg	gggtncatta	tcaaggatga	anggacttgc	tatctgtgtc	gctngcaagc	420
accgccagac	aaagcgattc	gtcgacactt	tcgagagtta	ccttctagag	atccgtcgta	480
tcctacgcat	cggtaaccgc	aagatgtcta	ctggcaaagc	aagccgtgct	cgtgaggtag	540
aagtagaacg	aaccaaactt	ctcaatcgta	tcaagtctcg	aagacgtccc	attaccgcag	600
ttgaaagctt	gcgctcggcc	acaggtacca	cgtcacccac	aaacgagagc	agcacattta	660
gogaggatga	tgaaatgggt	ggatatggct	ttttcgatgc	tggcatgctt	ttgcaagctc	720
taaaggctcg	cagcgagaat	ttcgaattat	ctgacagtcg	tgtctcggag	agagctgctg	780
ctgcacaggc	ccgccgccgt	gatattggaa	agaaattgan	actgagtgat	tattgagtat	840
catgtcctac	atattgaata	gcatagccgt	ggtcatggat	ctggcatgga	gttaaagggg	900
ctcatgtatt	atatcaagag	gcggaagcct	tggatatggt	gaatcaacaa	ttctcttcgt	960
gcctgaagaa	aaaaaaa					976

<210> 420

<211> 390

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 420

ggtgcctgtg	tggagggtcg	cggttctgtg	cctatcqaac	ttcttgatgt	tgtcggcctg	60
gttctctggg	ctcacnaggg	tcgtggctta	ggcaacaagt	tccttgacga	cttgcgctcat	120
gcagatgccc	ttatccacgt	tggtgatgtt	tcgggtactg	ttgatgcgga	aggttaaggag	180
acaagaagtt	ntgacccctc	agtggatatt	gcctggctgc	gcagcgagat	tgtagcttgg	240
gttctcggta	atcttatgca	gaattgggga	tctatccgac	gaagacacca	agccatcaaa	300

gcgacagcta cagaaacttt gcagggtcag ttctctgggtt acggatcaac atcgachact 360
gtgaatcgtg ctttggaccg ttgcggtgtc 390

<210> 421
<211> 565
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 421
cagcagatga tgaagcacct tatgaactct acctacaaga acggtacccg cgtccctgac 60
cagcaggttg accaatgat gattgetctc ctataggctg gccagcactc ttcttctctt 120
aacagctctt ggatcatgct ccgtctcgtc cagtaccctc acatcatgga agagctctac 180
caggagcagg tcaagaacct cgggtgctgat ctgcctcccc tgacttacga agacctcgcc 240
aagctgcccc ttaaccaggc tategtcaag gagaccttcg tctccacgct cctatccact 300
ccatcatgcg cgcgctcaag tctcccatgc ccgtccctgg caccaagtat gtcattccca 360
cttcgcacac tcttctcgtc gctccggtgt cagcgccacc gattctactt cttcccaacc 420
ctgatnatgg gacctcacga tggaggcgat ctccaacttc cccgaagggt caagatgagg 480
acaaganaag atnatacgtt atggctgtcg caaggctact ctccactgct tttggtgcn 540
tcgcacgata ttggtgacat tgcaa 565

<210> 422
<211> 632
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 422
cgagcgcttg actgagtcga acaccgaact ctataagccc gccttggaag caatgaagac 60
ttcgataaaa acatcgacgt catccatgac agcagttcca aagcccctga aattcttacg 120
accacactac gagactttga cgaagcttta cgaacaatgg cctcagagtg aagacaagac 180
ctcgtctggct gatgtcctct ccgtcatagg catgacgttc tcagacgagg atcgacaaga 240
cacacttcat taccgacttc tcgcccctac atccgacatc agctcatggg gccatgagta 300
taccagacat cttgcccctag agattggaga ggtgtatatc aagcgaatca ataacgagga 360
anagaccaaa gacctgatcg atcttgcgct tgtcttgatc cctcttttcc tcaagagcaa 420
cgcttgaggc cgacgcccgt ggatctcatg agcgagctcg aaattatcga ggagatgccc 480
aaattgtgga cgaaaacaca tacgctcgtg tgtgcttgta catgtccttc atggcaacct 540
ctnacttacc ccgacaacga gacctttcct aagactgngc acgatatcta catggaatca 600
agccaatttg cgcaggncat tggctcttgca at 632

<210> 423
<211> 606
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 423
ntgtcatctc tcgacagcaa ancatgttcc nattntttca accatccga gagaactggg 60

accgtctcgc	tgacaacatt	actctcgagc	ngggcaagan	ttttgctgat	gccaagggtg	120
acgtcctccg	aggtcttcag	gnnggacgaa	tctncegttg	ccgcccctga	gctcctcaag	180
ggcgangntc	tcgaggtcgn	taaggatatg	gacacccaaa	cctaccncga	gcccctgggt	240
gttactgntg	ctatcngccc	atttaacttc	cntgncatga	ttcccctctg	ggcattccca	300
tcgccaccat	cactggtaac	ncgcttatcc	tcaagccctc	cgagcgtgat	cctggcgctg	360
ccatgaatat	tgccgagctt	gtcgagaagg	ctgggtttccc	tgccgggtgt	gtcaacatca	420
tccatggtgc	tcaccgcact	gtcgatttca	tccttgatga	gcccgcctatc	aaagccatca	480
gcttcggttg	tggtatacaag	gccggcgagt	catnttcagc	cgnggatccg	ccaacggcaa	540
gcgtgttnag	gccaactnng	tgccaanaat	acgctggngt	ttacccgaen	caaaaaaacc	600
agttat						606

<210> 424

<211> 538

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (528)

<223> n = A,T,C or G

<400> 424						60
aagagtcttc	atcctttttt	tcacgntgg	cgcagntatc	tccagtcgtc	tcttttctgt	120
gattcgcttt	gagagcatca	ttcacgaatt	cgacccgtgg	ttcaacttcc	gtgcgaccaa	180
gtacctcgtc	gccaatgggt	tctacaactt	ctgggattgg	tttgatgacc	gaacatggca	240
tctctcttga	cgagtcactg	gaggtaccct	ctaccctggg	ctgatgggtga	ccagcggcgt	300
tatctaccac	gctctccgta	ccctcaactg	ccccgtcgat	attcgaaaca	tctgcgttct	360
tctcgcgcgc	gcttttttga	ttgacggcct	atgcgcgtta	tcttctcact	aatgagatga	420
ccactacgca	ctcgggtggg	ctccttgctg	cggnettatg	ggaatcgccc	ctggctacat	480
ttacgatccg	cgttggtagt	taccacaacg	aaccatggca	tttctctctg	cttnoctnta	528
ctttggggca	agnttttaaa	aangtcgang	gtatnggggt	tctgcctt		

<210> 425

<211> 773

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 425						60
gagatcctcc	agactaactg	ggagtcgcgt	gtcgacgagc	tcaagaacgt	gagagaaaaac	120
atcgactcaa	agctcttcaa	caacccccgt	gtcagctcgt	accaccgaac	aatgctttctc	180
cactgggtccc	tcttccctct	cttcaactgg	gagggtgccc	gggaacccat	cctggaaatg	240
ttctttctccg	ctccttatat	caacaccatc	cagacctott	gcccctggat	cctgcgatac	300
ctgatcgcgtg	ctgtttatcac	cggcgcgtgg	cgcgctcgca	acagctcaat	ccaacaaaag	360
cgatgaaggy	acattattctg	ctangtccgc	caagaacctt	cgagtacacc	gaccccatca	420
cccagttcgt	caacgctctc	tacatcgccc	acgacttcga	ggctgcctgt	gaggctcttt	480
ccatgggcgc	cgaggtttgc	cgaagcgact	tcttcttgc	ctcttctgce	gatgcctttg	540
tcgatgcgcg	cgcacacett	atctgcgaga	gtactgcga	gatcttcagc	cgaatgaaca	600
ttcgcgacct	cagcgccaaag	ctcggcctga	accccgacga	cggtgagaag	tggattgtta	660
acctgatccg	cgagactcga	ttagatgccca	agatcgatag	ccaggacggc	actgtgatca	720
tgaaccaccc	tcccaadaat	gtctaccagc	aggtcattga	aaaaaaaag	ggtggcttct	773
tcaggacaca	ggtaactcaac	gctgctggtt	caaagttaaa	aacatgacna	gtt	

<210> 426

<211> 586

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 426

gtgaagcctg	ctgatattgg	tgtcattacc	ccatacgaag	gccagcgaag	ctacattgtg	60
actactatgc	aaaactcggg	aacttataag	aaggagtact	acaaggaggt	cgaggtcgct	120
tcggttgatg	ctttccaggg	ccgtgagaag	gattttattg	tcctctcctg	tgtccgatcc	180
aacgacaacc	aaggcattgg	tttcttgtcc	gacccccgcc	gtttgaacgt	ggccttaact	240
cgagccaaat	acggtcttgt	cattcttggc	aaccccaagg	tcctgtccaa	gcacgagctc	300
tggcacaact	tgettgtcca	tttcaaggat	cgcaagtgtc	tcgtcgaagg	tcctttgacc	360
aacctccagg	catgtctgct	ccagttcagt	cgccccaaag	ttagtttccg	acagaagaac	420
ctacagccgc	agttcgggaa	agggagctac	tccaaacggg	ggcgtttcaa	ccgccccccc	480
tcagccggga	cttcgatcca	agctccacgg	tgtcgtatat	tnccgacgat	gtatcttccg	540
tccatgggtc	tgcgttttgg	cggcgctttt	tnttaacanc	gccttn		586

<210> 427

<211> 635

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 427

ccgtgacttg	atgctacagg	gaattattac	acaatgctgc	tttccacagc	tctctacagt	60
atcacgcgaa	gtccaggagc	agctcaagat	tgatttcctt	gctgcacttn	ctaccgaact	120
ctcctacaag	atcttatcct	acctcgatac	agtctccctc	tgcaaagccg	cccagggtcag	180
ccgtcgatgg	cgaagccttg	ccgacgatga	tgtagtctgg	catcgtatgt	gtgaacaaca	240
tattgaccgc	aaatgcacaa	agtgcggttg	gggtctgccc	ttgctcgaaa	ggaaaaaact	300
tcaggcgtgg	agccgncatc	aacaaaacca	ccgcaaccga	atgccgcgca	cgtggntgag	360
atccgacacc	gaggttgaga	cacaacctag	cgactcacga	aaacgtcagg	ccaccgacga	420
cgaacacgaa	gattgcgatc	gatctgttaa	gcgtctctcg	gccaatcctt	ncaaatcgng	480
acaacagctt	gaagcagacg	caagtttcga	ccatggaaaag	atgtataccg	ngacgcttca	540
ngtggggaca	ctggagacag	gccgtgttta	tcaaaccttn	anggtacgaa	atgggtgaca	600
tgcttcagtc	gcgntacatc	ttgcnaaggt	tctac			635

<210> 428

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 428

cggccctcaa	acgtctagtg	actacgagcg	attactttctg	ggacagcctg	actcatcaga	60
gctgtggatc	gattacatcg	cattccaaat	gcaagtttgt	gagctttcca	aggcacgaga	120
ggttgctgag	cgagccatta	agaccatcaa	catccgtgaa	gagaccgaga	agctcaacgt	180
ctgggtcgcc	tatctcaact	tggaggttgc	ctacgggaacc	aagcaaactg	tggaggagggt	240
tttcaagcgg	gotttgccaa	acaacgatca	gcaggagatt	cacgagcgac	tggccagtgt	300
ctacatccag	tccgagaagc	tcaaggatgc	cgaagccttg	tttgagacaa	tggccaagaa	360
gttcggtgcc	aagtctccta	atgtctgqct	gaactacgcc	cacttccctg	acgccactcg	420

aaacaagcct	gacggactcg	tgtctacta	ccgagagcta	cccagcaact	cggcaagact	480
catcacacaa	accttatgac	tcgtctcgct	gctctggagt	tcagatctcc	ccacggcgaa	540
cctgancgtg	gacgaactat	gttcgcgggt	cttctagaag	ctttcccca		589

<210> 429
 <211> 621
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 429						
cttcaacttt	ctatttaate	ccgcaaaaaca	tagcaaaaat	gtccgctcgaa	actgcttacg	60
atcccaagga	catgctgttc	cgcacacctg	gaacctactgg	tctcaagggt	agtgtcttca	120
gtctgggtgg	ctgggttgaca	tacggtggaa	cacaaaaggg	agacattgtc	aagcaaactc	180
tgcaaaaggc	ctgggatcac	ggtgtcaaca	cctttgacac	tgccgaggtc	tatgccaacg	240
gtgaatctga	gattgagatg	ggccgagccc	ttaaggagct	caactggcct	cgagacgaat	300
acgtcctcac	gaccaagttt	tcttcggcac	aagtcgcaag	gagcctaaca	cccgcggtct	360
ctcccgcaag	cacgtcgctg	aggggtctcaa	gaactccctc	aagcgantgg	gacaacctta	420
cgctgatgtt	gtctctgccc	aacgccccgac	tacgtacttc	ctatgaagga	gattgttgan	480
gganttacca	agtcaatcgc	aacctaacct	tgcctacact	gggnacccaa	atggacgctg	540
ccaaataccg	aggtacncaa	attgctgaag	ttaaaccat	gnccgtttca	acaaccataa	600
ancttcacgt	gnggnttcaa	a				621

<210> 430
 <211> 815
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 430						
taataacata	gctaagtttt	atttttctcag	catggttcta	gttccagccc	tggttggtgt	60
tgtagctcaa	ctgctcttct	gcatgttgcc	ttccatgacg	cttggecttc	tctgcgtcga	120
cgtaatccaa	tcccttcgtc	tcaatctctc	gatcaacaaa	ggcaccaaca	aaacctgcca	180
agatctcctt	tgcttgagcg	tggtatctag	gctctccatt	ccgagcaaca	tggttctcat	240
aggccttggc	agctctgtag	gctgcagctc	cacctatcag	ttcgtgtgac	cactctgctt	300
catgaggacg	ttgcttgaat	taacatcagc	agcaaccgtc	aaaatgggtc	agaagagaaa	360
gaacaacggc	cgaaacaaga	agggccgcgg	ccacgtcaag	cccatccgat	gcagcaactg	420
ctcgcgatgc	accccccaagg	ataaggccat	caagagattc	accatccgca	acatgggtga	480
gtctgctgct	atccgtgaca	tctccgatgc	ctccgtcttc	gcggagtaca	ccgtcccaag	540
atgtacctga	agctgcagta	ctgtgtctct	tgccgccattc	acggcaagat	ggctcgtgtc	600
caatccctat	ccgcccgaag	caaccggccc	ttctttcttg	gtccgtacaa	caaggacggn	660
agaagatag	ttccctctac	cttaagggtt	aaangggctg	atacttggga	tggagtcagg	720
ttatgaatac	cacatttaaa	aaatgggtgg	gatgaatccc	tttgggatat	gagactaaga	780
anttcacaaa	atcaactgggg	ctaacgttga	tgntt			815

<210> 431
 <211> 840
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 431

cgcacctttc	tctttttttc	cgactcaact	cttcacatcc	ttcaaaatgg	gcttcaccga	60
cctcctttcc	gaaactggag	ctcacgtgct	caacagctgg	ttgagcacc	gctcttacat	120
tgtcggccaa	tctgcctctc	aggctgatgt	cgctgccttc	aaggctctct	ctggcgctcc	180
cgacggccag	agctaccccc	acgcgcgccg	atggtacaag	cacatcgcca	gctacgagag	240
ccagttcgct	acctctcccg	gtgatgcttc	tgtctccctac	agcacctacg	gtcctggcac	300
cgctgangtg	accatcaacc	ccgctcaggc	ccctgagaaa	gctgaactgc	tgtctgctgt	360
gctgaggaag	angacnactc	gacctgttcg	gcagcgacga	agaagaagat	gctgaagccg	420
tccgcgtccg	tgaagaacgc	cttgctgagt	accgccagaa	gaaagaagcc	aagcccaaga	480
catcgccaag	ttcgtcgctc	tcttgacgtc	aagccttggg	atgacgagac	tgacatggct	540
gctcttgagg	ctgcgcgttc	ttctattgag	aaqgacggtc	tgacctgggg	tgcttccaag	600
ctcgtccccg	ttggttttcg	tgtaagaag	ctccagatta	accttgttgt	cgaggacgan	660
aagatctccg	tgcgcgaact	cgaggaggag	atccaggagt	tgcaggacta	cgctccagtc	720
actgacgttg	ctgcatatga	naagctgtaa	aaagcctgca	ttagctatgt	caacttatga	780
tgaggcaacy	cggcgaggat	tgatgaccaa	tgggatctta	tgattttcaa	aaattngggg	840

<210> 432

<211> 631

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 432

aatcaattat	agcttcaacc	atggcttccg	ctctttcttc	atcaactccc	gcctctcgcg	60
caggcctttc	cgcgcgtctc	actcccctcg	cggccatggc	cagcaccagc	ttcgtccgag	120
gcaaggccac	tcttcccgat	cttccctaac	actacggcgc	tcttgagccc	tacatctctg	180
gccagatcat	ggagctccac	cactccaagc	accaccagac	ctacgttacc	ggcttnaaca	240
acgcagccga	ggccctcgcc	gaggccaacc	acaaggcgga	cgccaaggct	gctgcgcgtc	300
aggcacctnt	tctcaacttc	caagggggtg	gtcacgtcaa	ccactccctg	ttctgggaga	360
accttgctcc	caacggtaag	ggcggtgggt	gtgagccoga	gggcaagctt	ctgacctcca	420
tcaacgagga	ctttgggtct	ttcgaggctt	ttaagaagca	aaccaacgct	acctctcgcc	480
gtatacaagg	gctccggctg	ggcttggctc	gtcaaggaca	aaaacgctgg	tacttntgtc	540
catcgttacc	cgacctaaac	aaggaccccc	tcantggcaa	cctttgancc	cttctttgta	600
tttgaonctg	ggagcaccoc	tattanctcc	t			631

<210> 433

<211> 516

<212> DNA

<213> *Fusarium venenatum*

<400> 433

caatattttc	gcaaacatcc	acqcaaaatc	tacttacagc	ctacagaagt	tcattctaacc	60
atgggttggt	actaataact	gcctataatg	gcctccaaat	caccaatcct	cccggtggag	120
ggcaagcgga	acatctctcat	caactctgac	cttccatagc	tcaacaacat	ccacattttg	180
ggtaacatca	tgggcagtggt	tctttctgac	gatggttttt	ctcgctactg	taaagccaga	240
gattacaaca	ccatctacat	ttgtggctct	gacgaatatg	gtaccgctac	cgaaacaaag	300
gctctcgagg	aaggcttttc	gcgcgcgcac	ctttgcgcca	agtaccacgc	ccttcacaag	360
ggagtctacg	actggctcga	atcgactttg	acattttcgg	cggaaacacc	acccagcann	420
aaacacagat	tgtgcagcag	atcttccaag	aactctgqaa	gaatggtaca	ttgaggagcg	480
ggagactaac	cagcccttct	gtcacatgac	aaccac			516

<210> 434

<211> 628

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 434
cttgagggtg gcatggacga ccgcttggcc acccatttcg ctcactctntt tatccgngac 60
cctattgtcg tctttgaaga ggatctccaa gaattagatc tcaacaagac ggaccatttc 120
naaaacatcc agtcaactaa ctggcagcat atgcggttta agccgccacc cgctgacaac 180
agcatcggtt ggcgagtcga gttccgctct atggagatcc aaattacaga ctttgagaat 240
gcgccttttt cgggtgtttat ggtcctagtc acgcgtgcc a ttctgtcatt tgacctgaac 300
tthttacatcc ccatttaagaa gggttgacgag aacatggagc gcgcacacga ggtggatgcc 360
gttttgaaagg anaagtttta cttccgacgc aaccttttc cttagccgagc tntaggggcaa 420
acactacgtt cggcgacgac agccgacccg gatcaagctn attctagccg acctcaaccc 480
ccggtgggtcc tgtggagcac gagtttgagg agatgacgc aacgatatta tcaacggctc 540
aaagtcgggc gagtttctct gctgatccc atcgnngaga gctcctngac agngtgaatg 600
tcgatgtttc aaccaaatgc cncctgct 628

<210> 435
<211> 1072
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1072)
<223> n = A,T,C or G

<400> 435
ctcgaatttc tgogaattat ttccgacctg tgacgctgat tttcgcttt cgcacaaaca 60
gggcagtc aa accctaaggc ctctttccca aaggagtggg gaaagcgagt ttgtgggtccc 120
tccgacctgt tagggcaaga gcttcagaat ttctcaattt cagcccgcc aacctacgtcc 180
cgctcgtcgaa accgtcactc accacccaag tcgcccagat ggttcgatac gctgccaccg 240
agatccagcc cgcgaagtcg gcccgcgccc gcggtgccta cctccgagtg tccttcaaga 300
acacccgcga gaccgcccag gccatcaacg gctggaagct tcagcgcgct gttaccttc 360
tcgagaacgt caaggagcac aaggaggccg tcccatgcy acgatacgcc ggcagcactg 420
ggcgaccgc ccaaggcaag cagttcggtg tctccaaggc tcgatggccc accaagtcgg 480
ccgagttctt tctcggtctc ctcaagaacg ctgaggccaa cgctgatgcc aagggtctcg 540
acacccggtg cctcggttgc aagcacatcc aggtcaacca ggcccctaag cagcgacgaa 600
ggacatacgg tgcacaggt cgtatcaacc cttaacatgtc caacccctgc cactatgagc 660
tcactctgac cgaggtcgag gaggttgctc anaagtccga tgcgtgtgct gagcgtgagc 720
accttactcg cgcagagcgt gtgcccgcct ccgcaaggct atcacctctg cttaagccaa 780
tcaacaacct tcttctcaaa tagacaaaat ttaagcgctg gttgaaaact gggtttacgt 840
cgggcatctt ctgtgttgta gctgtgactc ttgacaagtc tcttgaacaa agagacacaa 900
acaccaagat tacaaaacaaa actcgatcaa ttgttctagg gtttttgcca ggggtggttcg 960
tggttttttc tctctgtgtg tatcccaacc tacggtaagc atggnattaa agggaaacgc 1020
atgcaaaaat tggcaaggtt tcttgaacaa ataaaatctt tcaagtcctn aa 1072

<210> 436
<211> 763
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

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<400> 436
tgtcatcgag cttcaaccac atcgnatacc aacatcgaca acattctcaa tacacgaccc 60
catcgcaatc ccttgcctcg tcttcaatcc gcaaactgag caattcctgc aaatctttcg 120
acctttacct tccgaaccac atttagcagc tcgtttccct gacgtcaagg gagctacncc 180
aagatggcgc tcgacgagta ctaccacaac aagatcgagg cgatgaagct cgagatcctc 240
angggccaag ccgcgcttcg tcgtcttgaa gccagagaa acgactacaa ctcccagta 300
cgattgttga gagaagagct gggctctgtg caacagcctg gatcctatgt tggtgaggtc 360
gtcaagggtca tgagcaccan agaagattct tgtcaaggtc acccagaagg caaatatgtt 420
gtcgatgtgt cggatagcgt cgatgtcgcc aaactcacc cgggaaaagc gagttactct 480
actgctgata gctcaaactc gaaaagatgc taccttcgtc cgcgatcccc tcgtctntct 540
catgatgggtg gagaagggtc cgacagcaca tacgacatga ttggtgggtc agaccagcag 600
atcaaggaaa tcaaggaagt tntcgaactg ggtnttaagc acctgagctt tttgagctctn 660
ttggtatcca caccnaagg gggtttgnta tacggctentt ccgggtcaagg aaananactt 720
acttgnaaag actgggtgccc ccacactcct qqaaattcat cca 763

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<210> 437
<211> 571
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

```

```

<400> 437
cttgaggtctg gacatcgctc cccctctgat ccacctcctg cagaacgggtg acctcaagac 60
tcgcaaggaa gccctgctggg ccattagcaa tggcacttcc ggtgggtctgc agaagcctga 120
gcaantccgt taacttggttg cccaaggctg catcaagccc ctttgcgacc taactcggttg 180
ccccgataat aagatcctcc aggttgccct ggatggcctt gagaacatcc tcaagattgg 240
tgaccttgac aagcaggctg ctggcgagtc tggcgactct atcaaccgat aggtctctct 300
cattgaggag tgtgggtggca tggagaagat ccacgactgc cagaacaacg ccaacgagga 360
gatctacatg aaggcttaca acatcattga gaagtacttc tccgatgatg aggagaatgc 420
cgatgatggg atggctcagc aacccgcggg cccaacgggt ncattcggct ttggcaccaa 480
cggtgctgct ccttcaggaa gattcgactt tgccaagggt aacgacccat ggacatgtta 540
agagcttctt gatogaagat cggaatatcg g 571

```

```

<210> 438
<211> 726
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

```

```

<400> 438
ctcaattcac tactttcgtc ttcccatcac tttcatagta tacatagcat accgaacgtt 60
tagaacgttc ggaaaaggcg ctctcttccct tttttttata ctttctttcc ccaagcgaag 120
attcttttaa actaggctct ttctcaacgt cttgcgactc acgagacccg caatctgtcc 180
cattcacttt ggtatttccc aacactttct cgtcgctcagc atggctagta aagccgcacc 240
caacgctttt caacgcgaat acaaaaaccat ctctgagaac cccctcctct atatcggttg 300
ctctctctcc gaatcaaaat tcttgaaatg gcactatatt atcaacgggt ctgaggaaac 360
acgttatcat ggcggccagt actgggggtac tctcatgttc ccccggaact atccatttgc 420
ccctcccgcg attcgcatgc acacaccctc cggccgattc caatctcaa cgcgactatg 480
ctctctgatt tccgatttcc acccaaaagtc tttcaaccgc gcattgggaag ctgcaccatt 540
ctgattggac tactgcattc atgacaagggt gaagaaatga cgaactgggt cgttttttgc 600
caagccgcgc agcgaaaact actttgntgg taaacgcgtg glggaactcg atggcggggg 660

```


tttaatcnaa	nagcacccac	gacaaaggna	tgnaagggtg	gatgcggcgc	ncgantcggc	720
aaaagg						726

<210> 439
 <211> 1184
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1184)
 <223> n = A,T,C or G

<400> 439						
cgcccagcgt	ccccaggaa	aaggetatac	aacagacaag	tttggacttt	gatccacgtc	60
cgccctttact	cgatkatctt	ttcgcgcttg	gaataacttc	cgacaacgat	ctatcgctcg	120
cttcaataatc	ttcaacttca	ctcaattctc	ctctaatacga	acaagatggc	tccttttcaat	180
ctctcgaggtg	gtgcccgttg	aggtcgtggc	ggcgctcgtg	gaggcggcgc	tggtgggtttc	240
ggtgggtgatc	gcggcggtct	cgccgggtggc	cgtgggtggg	cgcgcggtgg	acaaagtggg	300
ggtcgtggcg	gtttcggtga	tcgaagcggt	cgtggcgggc	ncggtggacn	aagtgggtgct	360
cgccggcggtc	gcggtgggtg	tgctggcgca	aaaggcggtg	ccaaggtcat	tgtcgaacct	420
caccgtcacc	ccggtgtctt	cgttgtccgt	ggtggtaaaag	aaaatgggtc	tgctacccgc	480
aacacaaccc	ccggggagtc	tgtctacgga	naaaaaaaga	tcagcgtcaa	tgaatcggtc	540
accaatgaaa	nacggtacta	ccccnctacc	aaggtcgagt	accgcattgt	gaaccttttc	600
ctnaacaanc	ttntgtgctg	ccgttgnccg	gtgggtgctga	tgagatctac	atcaagcctg	660
gctctcgtgt	ctctacacct	ggtgggtgct	ctggtacttc	cgtctctcac	gtcgccgaca	720
ttgtcngacc	taccggttac	agtctaccgc	cgtcgaagtt	ctctttccga	tcgggtcngt	780
gacctcatca	ccatgggctt	ccaaagcgac	ccaacgttgt	ccncattgtt	gaggatgccc	840
gtcagcctgc	tcgttacccg	atgaatcgtn	cccattggct	gacgtcatct	ttgccgatgt	900
tgncacagccc	gatcaggccc	gtatcgctcn	catgaacnnc	caactgggtt	ctcaagggcg	960
gaggtgggtg	ctttatctcc	atcaaaagcca	actgtattga	nagtnccggt	tcnngntgcc	1020
gangttttcn	ctgcgagggt	ccagaagatg	cgagcttgag	tcantcagcc	caagntccag	1080
cttaaccttg	aacctttctg	aggcgtgacc	atttgtntgg	ttggccggcg	aatactttgc	1140
ncctacaagn	aataaatggc	ttaaaggang	catacttact	tggg		1184

<210> 440
 <211> 596
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 440						
tgatatttta	ccgcaaaaaa	gaagctttct	gtcttgacca	gagaaccatt	acctgtttct	60
acgtctctac	aagatggcat	ctctgcggtc	gttgactgcc	ccccttgcgt	gggcagcccc	120
cgcgaggggg	gtcgaggggt	tgcgatatag	ctcttctctg	acctctgcca	ttgctacaaa	180
ggtctcttct	cggtggttgg	ctctctctcc	cggtggtgac	aaactctctg	cttgggtccgc	240
ccagtcgggt	gtctcgaaca	tcctctacga	gaccccccgt	ccatctaccc	ttctctccaa	300
gogacacata	cttaactgtc	ttgttcagaa	cgagcccggg	gttctgtctc	gggtctctgg	360
tattctgggt	gtcggcggtt	tcaacattga	ctctcttgct	gtgtgttaaa	ccgaggttga	420
ngatctgtct	cgcattgaca	ttgtttctac	aggccaagac	ggcggttgta	agcaggtctg	480
cgagaggttc	gaadattctc	gtctctctct	ggcctctctt	gantacacca	acgtctctct	540
cgctcagcgc	gaactctctc	tcgccaagat	caacattctt	ggaactgant	actttg	596

<210> 441
 <211> 628
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 441

ctcaaacc	aa	caccatanat	atattacaac	cacacactcg	aaacaatcgc	aatcatgtct	60
ttcggtcgca	ctgtcaccct	caacttcngg	atggaagatt	ccccagatcg	gttacggcac		120
atggcaagct	gnccctgggtg	aggtcggcaa	cgggtgtctac	gaggccctca	aggctggcta		180
ccgccacctc	gatcttgcca	agatctacca	gaaccagcgt	gaggttgggtg	agggcacaa		240
gaaggccctc	agcgagggtcc	ctggcctcaa	gcgtgaggac	atcttcatca	ccggaaagct		300
ttggaacaac	aaacaccgcc	tgaggagggt	gctgggtgcc	tcgatgacac	ccttgaggag		360
ctcgcccttg	agtacattga	cctctgggtg	atccactggc	ccgttgcttt	caagaacngg		420
aacgagctat	tccctttgaa	gganggtgat	gatgggaaga	ctgcttttga	ccaggangtr		480
acctctttnc	agacatggga	ggccgtcaac	aaactggcca	aagagaaagt	acccgtccgt		540
tggtgtctcc	aacttcaacc	aggagatgct	tgagcaaadc	atcaaggaca	ctggcgtgan		600
ccccgccatg	aacaaaattg	agcgact					628

<210> 442

<211> 606

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 442

tgaacttttt	tccgcacgc	ccgtgcggct	ctccgagctc	gcccgtgcgc	cgcccgagtt	60
ccccccagc	gaanaacct	cgccgaggcc	gtccccgaca	agatcaagct	gagccttgcc	120
ctccctcacc	agtctgtcta	caagtccac	gatgtcgtcc	aggtcaacat	ccccgccgag	180
tctggagaga	tgggtgttct	cgccaaccac	gttccttcca	ttgagcagct	gaagcctggt	240
ctgggttgagg	ttgtcgagga	gtccgctggc	tccaagcagt	tcttctctc	tggtggattc	300
gctaccgttc	agcccaactc	cgtcttttagc	atcaacgccg	tcgagggtta	cccccttgag	360
gaattcagcg	ctgaggccat	ccgagctcan	atcgccgagg	cccanaaggt	cgccaacggc	420
agcggaagcg	agcangatat	tgctgangcc	aanatcgagt	tggaggttct	cgagtccttg	480
tctgctcatg	tgaataaagc	gtgcanttag	tttgtggtga	cggaggccct	tgnacatcaa	540
aattattctac	ccatattanc	acaaaagctg	ngacaattga	taccaagtc	tggttgngct	600
acctct						616

<210> 443

<211> 639

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 443

ctccactgggt	ctcgagagaat	gtcccaagcng	atgcttccgt	tqqaqttqat	attqgggtqg	60
cgatgcgctg	tgggtgaagtt	gacettggga	ggctcggaagg	ggtagtcggt	aggggaagtga	120
atcggaagga	agaagacacc	gccggagtaa	ggggagtcag	aaggacccat	aatcgtagct	180
tggcagtgaa	acagatcctc	gccaacaggg	ccagcggagc	aggaagaggg	aggatctcgg	240
ccgggatcag	aacaaagaca	tggatttact	tcttgtagac	aacaaaattt	tcgtcttttc	300
tctatcacaga	ttggtctcct	cggcatttga	ccccccccc	cgcgggattg	gccagagttg	360

agcgaaat	ttt	cggtcact	tt	tcggtgat	tct	ggagttgg	tg	agacgaag	tt	cgganaac	ac	420
tcccggtg	ga	ggagtcatt	g	tatttggt	ga	caggagtt	tg	gctggcact	c	angaccgg	ca	480
ngaacaga	ac	attgaggt	c	gcgaat	ttt	g	gaaggatt	ttt	ttattttt	ta	ttgagcag	540
ctggtaat	tt	tactggta	ca	tatacacana		tttacaacc	g	cccttttg	aa	atggcgag	ac	600
naatgggccc		caacaacac	c	ggaaggcatt		gagcggtnt						639

<210> 444
 <211> 797
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

tctgncccc	g	ncgcactttt		atatactctt		tctttctctc		tctctctctt		cgcgactctc		60
gatatatccc		cggaaaacttc		aaattttctt		aataccgtca		aaatggtcga		gaagctctac		120
gtcacctaca		acgatgtgca		caagatgtgc		caaaaagtcag		ctgagaagct		tctcctcgac		180
ttccagcccc		cgctcttgat		cgccatcggt		ggtgggtggt		acgtccctgc		tcgaatcctc		240
cgatctttcc		tcaagaagg		cggcgctccc		aacatcccca		ttcaggctat		cggcctctcc		300
ctctacgagt		ctctcgcaa		cgatgaggtc		gaggcccccg		gtaccaaggt		cacccgaaca		360
cagtggctcg		acatgagcgc		tctcggcgag		atgcagaacc		ttgtcggaaa		gaagatcctc		420
atcgctgacg		aggttgacga		cacccgaaca		actctcgagt		cgccgtcaag		gacttgagaa		480
ggaatgttgag		attgcccgc		agaagatggg		tggtactgct		ccaagactga		gttcagcatn		540
tttgtcttca		caacaaggac		aagcccaaga		angggaaaant		tcccgcgatga		gatgctcgcc		600
acccgttact		acgttgctga		gaaccgtcgg		tgatgpcctgg		atcaactacc		cctggggaggc		660
cctcgattat		cgactagcac		gacaggaaac		ctagcctgca		gactaagagc		aactaaatgt		720
gttatgagaa		tttggagttg		ggaaaatggc		gcacagattt		aatgcgagat		atcatataaa		780
catacatcac		gaatgag										797

<210> 445
 <211> 647
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

acgatttttc		cctgagtaac		acctcgaatg		gctctctctc		gagatggacg		tttcccttcc		60
taaggagttg		gacttccaag		aagaggctaa		caatgcccgt		cgtatgaagg		agcactttgc		120
gaagattcca		cagttgccgc		tgattattcc		cgaggctcct		tgggccaagc		aaaggattat		180
cgttatggct		tgtgaagctg		gaagtcggct		tgacgatctt		gagtaacctg		acaaaaacgg		240
aattgatcgc		gacgaagtct		cggccacctt		gtcccgcatt		ttcaacgaaa		tgatttttgg		300
cgatggggca		ccattacact		gcgatcccca		tggtgggaac		atcgcgatcc		gcaagaacac		360
cgatggggca		gggtttgggc		gtggggcaca		ctctgatgct		atctgttga		caatggactg		420
tatcgogata		ttgaactttc		atgggaagat		cgtacgcccc		gatgtggctc		gcgggttatcg		480
atggtgatat		ggacggtatt		aaagaaatat		gctcacgaa		ggtggttggg		attgagggac		540
aaaggacttt		tctctttttc		gcctcgccaa		ttactggtcn		ggactacagt		atcggaagc		600
aaggtcttgg		aactattntt		ganaaaatcga		acagnccgac		gagccag				647

<210> 446
 <211> 641
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(641)
 <223> n = A,T,C or G

<400> 446
 cgaggcccca ccgagaagtt cttccaggag aacaactact ttggcctgag cgaggagaac 60
 gtcaagatct tcgagcaggg tgtttctgct tgcattctcca acgatggcaa gattctctctc 120
 gagaccaagg gcaaggttgc tgttgctcct gatggaaacg gtggtctcta caatgctctt 180
 gttctttctg gtgttgctga cgatatgcga aagcgtggca tccagcacat ccacgcctac 240
 tgcgttgaca actgccttgt caaggttgcc gaccccgctt tcattggctt ctctgccgct 300
 ctcgatgtcg acattgctac caaggtcggt cgtaagcgca acgctccgag tccgtcggtc 360
 tgattctntc aanaacggca agcccgatgt cgttgagtac tccgagatca accagtcac 420
 tgccgaggag acccgacccc aaagcagcct gatcttcttc ggttcgngc tgcaacatng 480
 tcaaccacta ctacttnttt ccgntttctt cgactntntt ccccaggggg tcacaagctt 540
 tttccacaca ttgcgcgcga agaaaanccc ctnttgccga tcttgnanag cggggganac 600
 aatcaancc t gaaaagcccc acgggtntta agctctacn n 641

<210> 447
 <211> 575
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 447
 agagtctgct gagacaaacc agactgcggg gtcccataat gaggacgtgg tcgctgaaaa 60
 gcagcccgct cctgttgatc ccaaccgggt cagtttcttt tcttcggcat gggaatcaac 120
 catccacgct gcggtatttg gcgatcttgt gcttccgggc gaanatatcc gtgggctttt 180
 cgagctaccc gatgaaaaaa aaaatggtgt ttggtggctg aacgttaacg cggccactaa 240
 ggaagaagtg cagagcattt gcaagtcttt cgggtattcat cctctcacia ttgaggatat 300
 tattactcag gaagctcgcg agaagattga gctcttcccg tcatactacc ttgcctgttt 360
 ccgactcttc tctgttgctg aagaagatga cggcatcgag tacgaaccct tcaacacata 420
 tgtcattgta ttcagggagg gtactctcag cttcagtttt gagcccaact ctacgcagc 480
 tcaagtccgc aagcgaatca ctgctttgaa agattacgct tctcttagca ntgactggat 540
 ctgctatgct ttaattgacn atattgtcga tctct

<210> 448
 <211> 707
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 448
 tgggcagcgg gtgacaggtg gtatcagaag agatatgata ttggttgga gaaatcagang 60
 ataaattatg ctcatggtea gctctcactg cctctcttgc ctccaatgac aacagtgaac 120
 acgggtgctat taagcttgtt gctctctttg atgatgaaga gattggctct ctctctcgtc 180
 agggggcgcg gggtaacttt ctccctcttg tctatcgagc cactggttqaa gctctcaacc 240
 ccaacaaatt tggaccagaa ctgttaggaa gaaactatct ctctctcatc ttctgctctt 300
 cagacgtaac tcattctgga aaccctaact tctctgagaa atatctcgga gagcatgttc 360
 ccgagctaaa tgttggtgtg gtcactcgca accactcgaa tggccatatt accacagaca 420
 gcactctcag tgcaatcatg cagcgtgcaa ggggaactag gggctgccc aactcagacc 480
 ttccagattc gaaaacgacag tcgcagtggt ggtactattg ggcctgcctt gtcaaatatg 540

attgggtgtc	cgagccgcgc	acgttggact	tccccagctc	agcatgcact	ctatccgcgc	600
gactactggc	tcactagacc	tggtctgggc	gtcaagttct	tcaagagctt	ncttgacaac	660
tgggagaaga	ttgatgcnga	ntggcactag	agacagnagt	agagaag		707

<210> 449
 <211> 802
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 449						
ctgacccgtga	atgaggccgt	tctcaagcac	cttactttgac	atccccgcacg	gagttaccttg	60
anaagccggg	tttccggctc	atcttccgagt	tccgtcccaa	cgacttnttc	agcaaacacca	120
ccgtcaccac	gacatactac	taccagaacg	agagccggcta	cgngngtgac	ttnatctacg	180
accacgccga	gggtgacaag	attgattggg	cacctggcaa	ggacttgact	gtccgtgtcg	240
agagcaagaa	gcagcgcaac	aagaacacca	agcaaaactcg	aattgtcaag	aagaccgttc	300
ctactgagtc	ttttctcaac	ttcttctcac	cacccaaggc	tcccaccgat	gacgatgacg	360
aggatgccga	gtccgacatc	gaggagcgtc	ttgagcttga	ctaccagctc	ggtgaggaca	420
tcaaggagaa	gtcattccc	cgtgccatcg	actggttcac	cggtgaggct	ctcgttttcg	480
aggagctctc	tgacgatgac	ctcgacgggtg	ccgacttcga	cgatgacgat	gatgaggacg	540
aggatgactt	gagcgaggag	aacgacgacg	aggaggagtc	cgacgacgat	gacgaatccg	600
gcaagcctaa	gcaggaagct	gccgagtgc	aacagagctg	agcgaagcga	tagagcgcca	660
cgcaacgcac	atttacacta	tcatgacatg	attggctttt	atcgggtttg	aagattttat	720
ctgagccacc	aaccttctc	cgaaaaaagg	agaggcgggtg	aacgacggga	agaaaaaggg	780
tacaaaaacg	ggaagcggtc	ga				802

<210> 450
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 450						
aaagacaccc	gggtcgctct	aagcttcaat	ggaagcttgg	tcagttgggc	gcacacaacc	60
gtggcgtaaa	ctgccttctt	cagcgcattg	gttatccgcc	tctgccttca	ctatcacaag	120
atcgctccaga	acgagttcta	cgtttatccg	caagaatggt	ttccctnngt	gtccgcaaca	180
atcgggcgatc	gataccocaga	gcgatccttc	ttcatgatct	ttatcgccat	cacatccggg	240
ctcgatctcg	ctcttggtcg	cctatgggat	cttctcacgc	gcaagcccgg	ccagaagcta	300
cccacgttgc	tcgtgttat	gggacttgtg	cgaacactaa	cctgcggngg	atggacgtac	360
attacctcta	cagatgacca	tgactggcac	gatatactga	tgatttctta	cattgntgcg	420
acggttccgn	ggacgactgg	ntgnatcgca	ctcagccccg	caatccccag	gccattaaat	480
atcgaaaqta	ctcggtcttc	ggtttcttcg	gacaaatggg	ccattgatct	acttttttat	540
tcaacacaag	gttcatcggg	gttgntggga	gcttacac			578

<210> 451
 <211> 715
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(715)

<223> n = A,T,C or G

<400> 451

cgcaaactca	accagtcgct	taacgttgaa	caaanaaatc	ccgccgaaaa	tgccctgttg	60
aaccgtttctc	gttaccggng	gtaccggcta	catcggtctc	ttcacctcgc	tcactctcct	120
tgagcacggt	tacgatgtcg	ttattgtcga	ttccctctac	aactcctnag	aggtcgccct	180
cgaccgcatt	gagctgattt	gcggctgcgc	tcccgccctt	tacaaaactcg	atatcacaga	240
tgagaaggct	atcgatgagg	tctttgccaa	gcaccctgcc	attgatagcg	tcattcactt	300
tgctgcgctc	aaggccgctc	gcgaagtctg	gcgttatccc	tctcgagtac	taccgtgtca	360
atgtcggtgg	tagcatctct	ctcctccgct	ccatggagcg	caacaacgtc	aacaatattg	420
ttttctcctc	ctccgctacc	gtttacggcg	atgctacccg	attccccaac	atgattccca	480
tccccgagca	ctgcctatc	ggacctacca	acacctacgg	tcgcaccaag	tccatgatcg	540
aggacgttat	caccgacttt	gtcaatgtct	agcgcaccaa	cttggaaaaa	gagggcaagg	600
agttcaaac	agtggggaac	ggtgctcttc	tgcgaaactt	taaccctttg	cgttgctacc	660
ccactgggat	catgggtgag	gacctcaggg	tattcctttc	aaccttctgc	cctct	715

<210> 452

<211> 506

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 452

aaaagangag	aaaaaagttg	ctgttacttt	aagacttaca	acagaagaaa	atgagatatt	60
aaatagaatc	aaagaaaaat	ataatattag	caaatacagat	gcaaccggta	ttctaataaaa	120
aaaatatgca	aaggaggaat	ccggtgcatt	ttaaacaaaa	aaagatagac	agcactggca	180
tgtctgctat	ctatgactaa	attttgttaa	gtgtattagc	acccgttatt	atatcatgag	240
cgaaaatgta	ataaaaagaaa	ctgaaaaaaa	gaaaaattca	agaggacgta	attggacatt	300
tgttttatat	ccagaatcag	caaaaagccc	agtgggttaga	gtatttaaaa	gagttacaca	360
ttcaatttgt	agtgtctcca	ttacatgata	gggatactga	tcccgagggt	aggatgaaaa	420
aagagcatta	tcataattcta	gtgatgtatg	anggtaataa	atcttatgaa	cngattaaaa	480
ttattccoga	agaattggat	gcgact				506

<210> 453

<211> 655

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 453

cccaacccca	caccccaaga	tccttcacga	tgccgaccc	cccgacccgt	tctcgccctc	60
gcttgccggc	ggctgctaac	cccgctggct	cccgccctcc	cccgccctcc	cccgccctcc	120
ttcgtaacga	cagcccgctc	gctctctggat	actccagccc	ctccaaagtt	caaggagagt	180
ccaaagggtc	ccagatccct	gacttcggaa	agtaagcttc	tacccggcgc	gagggcaana	240
acaaggtcta	ctcgtaactc	atgggtggcg	ctctgggtgc	gttcagtgct	gctgggtgca	300
agagccacgt	tcaggagttc	ctgggtcaaca	tgctctgctc	tgccgacgtc	ctggccatgg	360
ccaaaggtga	ggctgaaccc	gactctatcc	ctgaggggaa	gagcgcttcc	attaaagtgc	420
gaaggaagcc	cgntttnatc	cggaacggaa	ccaggaacga	gatcgacccg	gccaacaaag	480
tcaacatntt	ttttnttcga	natcccggaag	angatagccc	ccgtgccaaa	naacccaaag	540
tggtttgtca	tggtgggtgt	ctnccccact	tggtttgggc	ccatttgng	angggcggtga	600
ctaccggggg	tggttttttc	cttgcnngt	tttaataaca	aatntttggg	ccaaa	655

<210> 454
 <211> 649
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

```
<400> 454
gagctcaaga ccaagggttga atctcttggc gcgagcctca agttccccct gcacgagctc      60
tacgtcatcg atggaagcaa gcgaagcgcc cactcaaacg cctattttctt tggctcttccc      120
tggaagaagc acattgtgat ctacgatact ctgattgana agagcgagcc cgatgaggtc      180
gtcqcctgtc ttgcgcacga qttgggtcac tggaagcttg gccatactac cagtctcttc      240
gggtatctgc aggtcactc tttctacatc ttcttctctt tctctgtctt catcaacaac      300
cactctctgt actcatcttt cggtttcttc aaagagcctc ccattattat cggattcctc      360
ctctttctcg atgctcttgc ccccatggat ctctgcatca atctgcttat gcacattgtc      420
agtcgcaagt tcgagttcca ggccgatgct ttgccaagg ggcttggtta ccccgangca      480
gcttgccgcg tccctcctca agctccagat ccagaacctt ancactatgg atgccgactg      540
gatgtatgcc aactaccact tttttttaac cttacttggg ctgaagcgac tcaacgcctt      600
ttgggctgga angggtccga nggtgtacct ganggcttac ttgacaaaag      649
```

<210> 455
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

```
<400> 455
gaggggttgc gatgtcccca ttccatccat ccaaggacgc cctccaggga acattttaca      60
gcccactctc agcaacaaaac cgcactccat atcaggctcg cgctgaactc tttcccatcc      120
attcctccgt cattgaagat gccaaagggt aagctaagca gctgagcgtc gaagcaacag      180
ccgantttga aaaggcgagc gcaaaaagctc aagccaagac tgggaagatc gaattatact      240
ctggcagata ctatgctgac tgtacctttg gcggtttgat ggctgtgga ctcactcacg      300
ctgctgtaac tctctagat cttgtaaaga ctctctgtca agttgattcc aagctctaca      360
caagcaactt ccaggcctgg ggtaagatct atcgcggcga ggggatccgn ggtatcttta      420
ctgggtggag tcttaagctt tttggttatt ctgctcaggg tgccttcaag tatgggtggg      480
atgagtactt caaaaagacc tactcggata tggctggccc agaggcgccc accaagtaca      540
aaactgggtc gtatcttggc gccttntgcc tnaaccgagt ttcttgccga ccttggtttt      600
gnoctttgaa gctgcaaggt cgatgcaggg t                                631
```

<210> 456
 <211> 701
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

```
<400> 456
nttttataaa gcgctcaaaa nacatgancd taccagttg acaccatggg tgatgtactg      60
gggtgnoctc agctgttgct cctcgttgag tcttgggtct ggtttattat ttcattggatc      120
cccttctatg gatattttcg tttgcttttc ctctntacc tcactctccc ccaaacgcaa      180
```

ggcgcccgac	tcntgtatga	ggaatacgtc	cacccgtacc	ttgaaaagaa	cgagacgcag	240
attgacgact	tcatcgcgag	cgcacatgag	cgtttgactg	ctgccggaat	atcatacctc	300
aagctcgcca	tcgagcagtt	caaaatcaag	gtcctcggtc	tgccaccctc	cgaaccgcag	360
tcgcctcctc	ccgagacaaa	ccaggggttac	acgcagtcgc	ttctctcgcg	cttcaacggt	420
ccatccgcgc	gatgggcccgc	caacaacagc	ggcagtacag	gtaccgactt	ttacagtctg	480
ctttccagcg	ctgtagcagc	tgctaccaac	gcgggtgctc	agtcagctgg	tacaggacag	540
tgggtgggaa	aaacctacca	acccccangc	gttgattccc	ccgcattctgc	gcgagtctgg	600
accaagatgg	actttatttc	cactcagcgc	gaccgtctaa	acgtttctct	ctcngcactc	660
gatcgcgaaa	cacagatntt	cgtcccgacc	ccaacgcgct	c		701

<210> 457

<211> 559

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 457

caacccagcg	gaggatgtct	ccgactgtct	tactaaaagg	tataccgttg	aggacaccat	60
gcccgcgaga	aatgaagact	gcgatgtaag	gtgtatctta	agtaaaccgc	tctccccaca	120
catcggaag	attaagcgga	ctgcgaagct	tttgcttata	cttggttgta	attgacttga	180
cagcctcgtc	ctctttgggg	aaagcccaca	tctcgaactt	gacgggatct	cccagagagt	240
tggtacatc	aatgtcaaaa	cctgcagcgt	cgaggtggta	cattggtaga	aacatctcaa	300
ctgggtgggt	gccagtggaa	aanaactttc	cgtctgccat	cttngagata	acgctcttgg	360
gtgcgcgaca	tgaagatctt	ccatttgccg	ccggtgtact	tgtttgata	gtcggcgccg	420
tcaaaagtcg	tctttgaggt	gacctactgc	gtgagggaaa	atgggtgaagg	gaagtatgcg	480
tcgtcttcgc	ccatgtcgcg	gacgggtgac	ttgtcgtttt	ggtctgacat	tatgtggatt	540
tgtatggagt	aagttggtt					559

<210> 453

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 458

tcatacctggc	ccatgtcgtc	ctttcggtgt	tcactctaac	ggtttctctc	ttgctcgccg	60
tatcgtaact	cacgctggtc	tgagctacac	tgacgcgcgt	ccttgggata	aatccaccac	120
agttggcgag	tctctcctca	cccctactcg	aatctacgtc	aaggctctcc	tcccatacct	180
ttctgagatc	aagggctctt	ctcacatcac	tggtggcggt	ctcgtcgaga	acgtaccccg	240
catgatcccc	gaatctcttg	ccgccgagat	cgagtttggc	tcatgggaga	tccccctgt	300
cttcaagtgg	ctccgtgagg	ctggcaacgt	cgagcctatc	gagatgtgtc	gcaccttcaa	360
cttgggtgta	ggatgggtta	tggcgtgaga	tgtcaaaag	gcgatgcgcg	tggcgcagac	420
cttactgtat	ggcgggcgaga	aggtgtacgc	catcggcgct	cacccgacgt	gaccaaagcg	480
angcttgggt	catccacaac	gtngactcgt	ggaanggctg	aagaccacgg	tgcctagcga	540
gcgaaaagaa	tattggaaag	tgattgggat	aagaaaaata	tgogaattat	gggagtccaa	600
tttcgggttta	tgaatgggaa					620

<210> 459

<211> 624

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 459

aaacgctacg	gcactaccaa	caagcttgcg	ccttcgcaat	ccctaccaa	gtccactggc	60
gcttggaact	aaagatctcc	tgcgacggct	acggtgacct	ggaactatct	tacgcattca	120
aaatggcggt	ttccggttct	gtggacagtc	ccgtcaagca	gcagcttggt	gacaagctgc	180
cgaagcgatt	caagggcatt	aaatttggt	tccaatctaa	ccaagacatt	gccaaaccaag	240
ctgtttctga	ggtttccgat	cgctatttgt	atgacatcga	gaacaatcgc	gctccatata	300
gccacggccc	tctagactct	cgattgggta	cctccagtaa	gcaaggaaga	tggtcgacct	360
gccaaagatc	tctcaaagac	tgcaatggcc	attttggtca	tggtcgacct	ccgctgacct	420
cggtccatgt	tggtatattt	cgnttcacga	tggtcgacct	gcaagaaata	tgcaaggact	480
gtggtcgagt	tttgcttgga	gagcccgaa	gacaacagtt	notgaaggag	ctangacgac	540
catctctaga	caattttacga	cggacccaaa	tatgcaagag	gatcaacgaa	caatgcggaa	600
aagtaanaac	ttgtctttat	tgng				624

<210> 460

<211> 641

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(641)

<223> n = A,T,C or G

<400> 460

ctcaacacca	acatcgacga	ggttcagtag	gatggtgaca	aggctgttgg	catcaaggcc	60
actatgactg	gcgtcgaaga	gatgaagttt	gagactaagg	ccaagatgat	cctcggtgac	120
ccctcctact	tccccaacaa	ggccaagggt	attggccacg	ttctccgagc	tatctgcata	180
ctgaagcacc	ctcttgctgg	cacgaatgat	gccgactccg	cccagcttat	cattccccaa	240
tctcaagttg	gccgaaagaa	cgacatctac	atcgcttgcg	tttcttccgc	tcataacgtc	300
tgcccccaagg	gctactggat	cgctatcgtc	tcaaccattg	cggaagaaca	cagccaacca	360
ccacgtcgag	ctccaggctg	gtctagaccg	catcggaag	attgaggagc	agttcatggg	420
ccctcctatc	cccatctacg	agcctcttga	ngatggttcc	aaggacaaca	tcttcatctc	480
caagagctac	gatgctacta	gccacttcga	agacaaccac	agacgacgtc	aaggatatct	540
accgccgcgc	cactggcgaa	gagcntaagg	tananggttt	gagggaaagg	tatccaagg	600
tgctgaagga	gcaattaaaa	gtctcacgan	cagtaaacag	g		641

<210> 461

<211> 572

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 461

cgcttctgct	ttgtctcgtc	tcttttttcca	tctcatctct	ttctctctct	ctataccttg	60
acaagtccga	agtgttttct	ctccgccata	aacagtcctt	cgttcttctc	gtcacgacct	120
gggagcattg	ttaacaaact	acgttcgacg	cttttagctc	gaccatctct	tgccgacatg	180
acgacacaga	aaatactgtg	tcgttcacot	cattttaatca	atttcagtaa	ttcttttttg	240
ccgttccgaa	gaaaaaacaa	acttccgtca	caatgggttg	cggaatgagc	acagangaga	300
aaganggcaa	ggcccgtnac	gaggagatcg	agaaccagct	caagcgcgac	aagatgatgc	360
agcgaaaatga	gatcaanatg	ctgctgctcg	gtgccggtga	atccggaaaag	tctactatcc	420
tgaagcagat	gaagctcctc	cacgaagggt	gctactcncg	cgatgagcga	naatcctten	480

agggaaatca tcttcagcaa caccgttcaa tcaatgcgcg ttatcctcna ngctatggan 540
tctctcgaac ttcctcttga agaccagcgc at 572

<210> 462
<211> 647
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

<400> 462
cattcaatca accccagacc tagagtttat ctactccgac ttctctcatat ctaactcttt 60
cattcttaac ttggccatatt ggccatctca acccaattac aatcccatcc tccctacaaa 120
ctcggccaaag caatcatgaa gctgcattac atcgggtgtcc tccgcaacga gaggcagccg 180
gctcatgaga ttgtcgttga aaaggagctc agcagctact cgcgatttac ccgcaataac 240
tatggcgaat tcatgacact attcgcaaag actgtcgcgc agcgcacccg tccctggacag 300
cgacaggatg tcgaggagca agactacact ttccacgcct acggccgtac agaggggtgtc 360
tgccgcatca tcatctccga tcaccagtac cctgcccttg tggctcacca acttctcagc 420
aaggggtgtcg acgagtttct ctccaagaac ccccgctcca gctgggcaac cggaacaccc 480
actctcgcca tgccctgagct gaaggagtac ctacccaagt accaaggatn cccagcaggc 540
tgacagcatc ctcaagattc aagaaggagc tggacgagaa ccaagattgt tctccataag 600
aacattgaga ggggtgtaca gcgtgggaga gaaaaatcga cgattta 647

<210> 463
<211> 541
<212> DNA
<213> *Fusarium venenatum*

<400> 463
ctacaccta cttgaaataa gctatatctc ccgaacattt ttatcagcca ataattcaag 60
aacatccata tcaaataact tagaacattg ggcttggttt tcaacaaagc caacatgctt 120
gggcccctctc cgttctttac ttttaatggg cttaccaagc tccggccatt ggctgcccc 180
gggatgaacg cgggggtttg gtcgccagca ccagcaattg gcaaatccct cagtatccgg 240
gctcttccgg gactctccaa gcggcgggta tgcgccaaaa gtggttgact gtccctcgac 300
ggcccccga aatccgacttg ccgatggact ttcagaccag gaagaacctg ggctcgtcgc 360
cgaagaatac acacaataga tccaatgaaa gacttggttt cccgagtcaa catctcgggt 420
ttcgacgcgc aaaagtggat tgagaaaaaac aaaaacaatg cgactgcgct acctaacatc 480
gcatcgcag cttctgggtg tggataccga gccctcatga acggaacagg cttcatctct 540
E 541

<210> 464
<211> 847
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(847)
<223> n = A,T,C or G

<400> 464
gggggtgtgt caacactgtg gttgacatgc ctctcaatgc catcctctct accactaccc 60
ttcatggctt cgaaggagaag ctctcagcaa ggcagggtca gtgctgggtt gatgttggtt 120
tctaagggtg tgcatccct ggaaatgcca atgagcttct tccctcctc gaggtcgggt 180
ttcagaggatt caagggatct ttgatcgagt ctgggtgttga tgagtccccc gccgtctctt 240
ctcaggatat cgccttgccc atggaaaacc tcaaggatag caagacactc tcatgttcca 300
cgtcagagatg atccctccca tcaccgaatc cgtcgggcga acagtccaga cctcagaagg 360

aaccctcgct	cccgccggtc	aactcgatgc	ctacaagaca	ttcctcgaat	ctcgacctcc	420
tgctttcgaa	acatacgccg	tcgaggagat	tctcagccag	gcacacattg	ctcctcaagc	480
tccaccttca	tatcgctccat	ctctccgcta	cccagtgcat	tctctctctc	aaggncgctc	540
gccaatccgg	aatcaacatc	actgccgaga	actgcttcca	ctacctcggg	ttgaccgccg	600
aggagaatga	gaaggggcag	actcgacaca	agtgctgccc	acctattcga	gagggcaaga	660
accgcgatgg	ctttgggaag	agctcgctgc	tgangattca	tgcatcagaa	ctggttggtc	720
ggatnactca	acttgccacac	ccaactgaag	ctccttcttc	aagaactcga	gacacgcgan	780
ccgacttgca	cataacgact	caggatcggt	attcctgtcc	cgagatnaga	acctgtcncc	840
gaaggaa						847

<210> 465
 <211> 934
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(934)
 <223> n = A,T,C or G

<400> 465						
aatcaccaga	ccttgaccgc	aaccacttc	caccatctac	catcatcaca	taaattccca	60
accaccctt	gctttctcga	agcatattca	taaccacatt	tcgcttatct	tgtagactca	120
aaccatattc	acaaccgatc	atatcaaccg	ccaaaatgtc	tgcttccgag	cccaccgagc	180
caaaggtcga	ggagaccaag	cctgaggaga	ccaagcctgt	cgaggctgag	gttgctgctg	240
agaagcctgt	tacatctctc	tcggtcttct	ccatgttcgg	cggcggtgcc	aagaaggaga	300
agaagggaaga	cgaggagcgc	ggcgataact	ctggcagcgc	taaggctcag	cgagaggctg	360
ctgaggccgc	caagggcgat	gaggaggatg	ctcccagctc	cgaggacgtt	cacttcgagc	420
ccgtcatcaa	gotgaccgag	aaggntgaca	ccaagaccaa	cgaggaggct	gaggagcaga	480
ctttcaagat	gcgcgccaaag	cttttcaagt	tcgtcaagga	gagcagcgag	tggaaggagc	540
gtggtaattgg	tgacgttcgc	ctgctcaagc	acaaggagaa	cggcaagacc	cgactggtga	600
tgcgacgcga	caagaccctc	aaggctctgc	ccaaccacta	catcgctccc	gagatgaagc	660
tttcccccaa	cgttggtctc	gaccgcagct	gggtctggaa	cgcccgcttg	ccgatgtcag	720
cgagggtgag	cccgaaagctt	gttaccctgg	ccattcgatt	cgccaacgct	gagaacgcca	780
acaacttcaa	ggattctttc	atgaaggctc	agaaggagaa	cgaagagatc	ttccacaagg	840
nttcaggacg	ccgagggtct	tccttctctaa	acagcttgca	cttagaancc	ttcnaatcc	900
cctgcctctt	cgggaattcat	ctcaatatct	ccac			934

<210> 466
 <211> 270
 <212> DNA
 <213> *Fusarium venenatum*

<400> 466						
aagcgcttct	tctgtcgcta	cccagagtgt	tctcaatcaa	ctcaagacct	acaggaagtg	60
ggcaccaaaag	gcttcgcgac	tcggaaggac	cgtgctcgcc	atgagtccaa	acacaaacca	120
acagtggcgt	gcccttggca	cgaccaggaa	ggacaacaat	gtctaagggt	cttcagccgt	180
gtggataaca	tgcgggacca	ctacaggcgg	atacacaagt	gttgacgagg	gatcgatgta	240
ataaattact	aataaaaaggc	aactttttqcg				270

<210> 467
 <211> 495
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

```

<400> 467
gtcntcaaaa tgggtcaacat tcccaagacc cgtaacacct actgcaaggg caaggagtgc      60
cgnaagcaca cccagnacaa ggtcacccag tacaaggctg gaaaggcctc cctgttcgcc      120
cagggaaagc gtcnatatga ccgcaancag tccggttatg gtggtcagac caancccgtc      180
ttccacaana aggccaagac caccaagaag gttgtccttc gattggagtg tgtcaagtgc      240
aagaccaagc tccagttggc gctgaacgat ncaagcactt cnagcttggg ggtgacaaga      300
aacaaagggg gctgtctcgt tttctaatgt ctttgtgttt ggggtctcag ggtcaccatt      360
tctatgctta cctcncncgc atttgggcat catggatgga cacaggcgaa angaggtaca      420
cgcentcggt ttgangcatg tttcatangg aatgaatgaa aanaaaaaat ntctgtgttg      480
caccaacaca cttttt                                     495

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<210> 468
<211> 626
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

```

```

<400> 468
ccgagatctc ttctaccgac ctgagagaat ggctcgtggca tatgctgggtg ttgagcacag      60
cgaggctgtc agactaacag agaagttctt tggcgatatg caaaagggca cacagcagac      120
cacagagaca actggttccg agaccagcga aagcgaacta tcagatagcg aagctagcgc      180
atcctcagtc tcttcatcac cacagtcatc ctccgggctt ctttcacggg tctttaagaa      240
cacaccttcc gctccccaga atctcaacat tctccctctc caagccgata ttgcacgccc      300
ctccaaatat acggggcggtt tctcctgggt ccccgctcaa ccacctaacg tgagcgggtct      360
ccttactttc acacatatcc acctcgccct cgaaggcctc cctgtctctt cggacgatat      420
ctacgccttc gccacactcc aaactctcct tgggtgggtgg tggttccttc tctgctgggtg      480
gacctggtaa aggcattgtac tctcgccat acaccaatgt cctgaaccag cacgggtggg      540
tcgagtcatg catggccttc aaccaatcct acaatngact ccggtncctt tcggcatctc      600
aacaagctgc cttgccccgg acgaaa                                     626

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<210> 469
<211> 655
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

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<400> 469
ggagaacaga aatctccagt agaacaaaag ggtaaaaagtc cccttgattt tgattttcag      60
tgtgaatata aacctgaaa gtgtggccta tggatccttt agtccctcga catttgaggc      120
tagaggtgcc agaaaagtta ccacagggat aactggcttg tggcgggcaa gctgtcatag      180
cgaggtcggt ttttgatcct tcgatgtcgg ctcttccctat cataccgaag cagaattcgg      240
taagcgtttg atgtttcacc cactaatagg gaacgtgagc cgggtttttag cgttcgtgag      300
acaggttagt ttaccctac tgatgacctc accgcaatgg taattgagct tagtacgaga      360
ggaaacgctc attcagataa ttgggtttttg cggctgtccg accgggcagt gcgcggaagc      420
taacatctgc tggataatgg ctgaacgctt ctaagtccga atccatgccg gaaacgcggg      480
gataccaccc gcacgtatag atggacanga ataggcctcg gnttagcgtc ttagcaggcg      540
attcttcac aggcgctcna agcgcgtcgt ggnatttctt gtattgtaat ttnaacacn      600
agcnggggga aaattctttt gcagacgact tagctgtcgc aaacnggnet ggtaa                                     655

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<210> 470
<211> 606
<212> DNA

```

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 470

cggctccggt	gtcatggggt	caaccctcaa	gctcggccat	gacgccaaga	ctcaccagga	60
ggtcaacatc	cccttccaca	acatncttcc	catgggtccac	cccaatgact	tggtcatcgg	120
cggnggggac	atcagcaaga	tgaacctggc	acaggccatg	gaccgcgctc	aggttcttga	180
gcccactctt	aaggcccagg	tcaagaagga	gatggcggaa	atggttcccc	tcccttccat	240
ctactaccct	gacttnattg	ctgccaacca	ggaggatcgt	gccgacaacg	tncttgaggg	300
aaccaangcc	cgctggggagc	atgttganaa	natccgtcag	gatattcgtg	acttcaaagc	360
caanaatagt	cttgacaagg	tcatnatnat	gtggactgcc	aacactgagc	gatacgcgga	420
cttgatcaag	gggtgtcaag	atctgcgcgc	aaccttntna	agggcattga	gcagggacat	480
gangagggtt	cccttctctac	tgtnlttggc	ggcgnnttga	ttcttgaaca	agcccccttn	540
attaatggnt	cttcccaaaa	naccttcgcc	ctgggcccatt	gactttgntg	anaaacacaa	600
cncttt						606

<210> 471

<211> 666

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 471

catgtcgtcc	caagcggcca	aagccgccag	caacgtggtc	agcatcgcca	agaancaaac	60
cctccagtcg	actggtatct	gggaggcctt	ccgtcgtttc	ctggccatcg	accttgagcg	120
ctccaacggt	gtccctctga	acctcactt	ccgtaacctt	ccccccggcg	ccaacgaccc	180
tctccagtac	gacgaccccg	ttacgctgcc	agctggcgac	atcgccgaca	atncttactg	240
gaagcgcgac	aaccgcgcng	gctaccccc	gctcagcgtc	gtcgaccagt	cccagttcgc	300
ccagctcctt	accgttggtg	gcgctgaagc	tcccaaggtc	gatcttatcg	gcgaggctgg	360
cganaagcag	ctcgttgctg	tgaagcagga	gtccgagact	ggcctggcaa	aggctcttga	420
taaggcgggc	aacgcgacta	aggatgtttt	tgtcaacggc	atgccttctc	tgcccagcgg	480
ccagactctg	aacactggaa	agngggatgt	gcacaagtac	gagcttgagg	agtcatttta	540
tggtgaagga	tacccttgcg	ggtcattcaa	ataaattaga	agcgaactga	agatgtgttg	600
ataccacatt	atgagggtatt	gagggtatat	aatttccatt	gacagcagat	gactttnttt	660
ttttcc						666

<210> 472

<211> 615

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 472

gtcttgacaa	ctctctgcga	cttcaactaac	cagcagacaa	cacacccggc	gacaagatga	60
agttctctca	ggctggccga	gtcgccatca	tcacccggcg	cagatacgcc	ggaaagaagg	120
ttgtcatcat	ccagcccggt	gacaacggca	acaagcctca	ccctttcggt	cacgcctcgg	180
ttgccggcat	tgagcgatac	ccctccaaga	tcacccggcg	tatgtccaag	acccgccagg	240
agaagcgaaa	caaagatcaag	cccttcatca	aggtcacaa	ctacaaccac	ttgatgccca	300

ctcgcctacac	tctcgagctc	gaggggtctca	aggggtgccgt	ctccaacgac	accttcaagg	360
aggttttctca	gcgcgaggac	gccaagaaga	ctgtcaagaa	ggtgctcgag	gagcgataca	420
ccagcggcaa	gaaccgatgg	ttcttcaccc	ctctcaagtt	ttaaaaaagg	aatcgtttct	480
ccatcacggt	tagggagttg	gcgggatgta	aagagcatcg	atggcattaa	ggaaccccg	540
nttttatggg	ctcaatacga	agttttctta	aacaaaaatc	aattttantt	tgcccngat	600
ggacgncaat	tccac					615

<210> 473
 <211> 453
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

agagcagaaa	ccaggtatta	ttgtcggcgc	tggtttggct	ggccttgctg	cagcctttga	60
attgtcagaa	aaaaacatcc	cagtccttct	cctggatcaa	gaaaatgagc	aaaacctagg	120
tggtcaggcc	ttttggtcac	ttggggggcgt	ttttatggtc	gactcgtctt	accaacgcag	180
aatgggaatc	aaagactctc	gagagctggc	catgagagac	tggttcgggt	cggcgagggt	240
tgatcgcgaa	gaagaagatt	actggccaag	gaagtggggc	aaggcttttg	tcgactttgc	300
aacagacgag	atggaagatt	atgtcaaagc	tcgaggactg	gctttctgta	taacgttgct	360
ggcccanaag	ggagacggtc	tgtctccggc	cccggaaaatc	tgtgcctagg	ttccacgtca	420
gttgggtaca	ggaccagagg	ttgcanggtt	ttc			453

<210> 474
 <211> 591
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

tcttattggt	gttggtaccc	gtatcgaccc	tacgttttgc	cgagccgata	gtctcgtcgg	60
tttcgtgctg	ggtctcaagg	gccgcctgcc	cgagatttac	agcgagattg	aggtttaact	120
ctacctcctc	cgtcgccctc	tcggtgtcag	aaactgccgac	ggcaagcagg	ccaaggttgc	180
taagctgggc	aagaacgagg	ttatcatggt	caacatcggt	tccacctcta	ctgggtgccaa	240
gggttgcggt	atcaagaacg	atgctgcccc	gcttgtcttg	accagccccg	cctgtaccaa	300
catttggtgag	aagttgctct	cagccgacgt	atcgagaaca	ttggcgtctt	attggttggg	360
ctaccattgc	tgtctggtgtg	acactcgacc	tagcactgct	taaaagatca	tgtagacaac	420
gaaagattaa	acaaaattcc	gcacnatttc	gctactgata	tacgaatcna	gacccagttc	480
canacaaaac	tcgaagcttg	ataanggtgc	ctgacaagca	tgtttaaatg	tctttcggac	540
tgggggcaga	aagggttaan	atctgtcaac	gctgacctgt	acnacganaa	t	591

<210> 475
 <211> 817
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 475

gcaaggctgg	gctaaatggt	agctctctct	caacttcac	atcaccatca	accccccgac	60
gacgacggat	ttttaactcc	atcgccagcg	atacttttca	ccactacaga	agtcattgat	120
ctcatccatt	acactccacc	ccccctacac	aaacccatgga	tcaccgtcca	caagcttggg	180
gccgtcccag	agacgatgtt	tacggcgcc	atgatgcctc	attcatgaac	gataatggcc	240
ccaagcaaaa	cacccagcag	cccatcggtt	ctggtacctc	cgatcatgcc	gtcaagttca	300
aggatgggtg	tgtcattgct	gctgataacc	tggcttcata	tggctctctc	gctcgtttta	360
cagatgtcaa	gcgactccgt	cccttcgcca	actcatcggt	tgtaggcttc	agcggcgaca	420
tctccgacat	gcagtatctc	gaccgccacc	tcattgagct	ttctctcgac	gaggcttaca	480
ccnccccga	tgcccccgct	ctcaacgcgc	caaaccctnca	tcgctatctc	gccaaagcttc	540
tctaccggcg	ncgttccaaa	ttcgacccct	tgnngaacca	tcttcttggg	gctgggtctcg	600
acgatgacga	caagcccttn	ctcgctgncg	ncgaccttct	cggcagcacc	tacagtgcgc	660
ccagtctggc	cacnnggttt	tgggtccatg	ctggcccaan	ctatnatgcg	tcgccatngt	720
cctcgatgaa	ggaggccctcc	caaaaccttg	acaaaggagg	gctgctatna	acattatnaa	780
ggagtgtatg	aangntctat	acttaccgtg	acgctcg			817

<210> 176

<211> 649

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 476

caactaacta	ccttgacaac	tctccacaaa	cacctnttct	acttccggca	ggctgaacac	60
actacactac	cctgcccac	tgtccagct	atatcacatc	tactgtccgc	tactacttac	120
agggtactga	ctattctccg	acatggagaa	tactcatcgg	aattactggg	aaaaggactt	180
cactatcact	gcaggatcca	aggtctcgat	gcgaggtgcc	actatcctca	agacatctga	240
tgataagact	cgagctctta	acaaacacac	cctcttggca	ttctctggag	aagccggtga	300
cacagtgcac	ttgcgcgaat	acatccaaacg	aaatgccag	ctctactcga	tgcgaaacga	360
gtccgacttg	tcacctctcg	ctcttgccca	cttcgtccgc	ggagagctcg	ctaccagctt	420
gcgatctcga	aagccctaca	atgttaacct	ccttatgggt	ggtgttgacc	ccattactgg	480
caagccagcc	ctctactggc	togactacct	aggtctcgct	gccgaagtcc	cttatgctgc	540
acatggctac	cccagtacta	ctgcctctcc	atcctcgaca	agcatcacca	cccgatatcc	600
tctccaccag	ggtccaagat	ctgacatttt	tnogacaaat	aaacgggct		649

<210> 477

<211> 1115

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1115)

<223> n = A,T,C or G

<400> 477

ggcaagagga	gcattgaagga	ctctggtttt	tttatttggg	ttgagttctc	caaggactac	60
tctgtccccg	ttttctctcg	tgagtacggg	tgcaacgagg	ccgatgggtg	tgccaaacgt	120
atcttttgac	agaccactgc	tctctacggg	gagaaggaga	tgactgatgt	cttcagcggt	180
ggtatcgtct	acatgtacca	ccaggaggcc	aacgactacg	gtcttgtcaa	gattcaggaag	240
aaagggtgac	ctgtcaagca	gaaggatttc	gtcagctca	agaagaagga	tacgcgtgct	300
gagctctcgg	gtgttgagga	ggacgactac	aagccacttg	gaaagactcc	caactgcccc	360
acccagtgca	agacctggag	ggttaacggc	cttctccccc	ctacccccga	caagtccttc	420
tgtgactgca	tggtcaagag	tccaactgtt	gttcccgccg	acgaactcaa	ggctaaggac	480
tttaacgaga	tttttggtta	catctggggc	gagaacaaga	agatctgcac	tgcacatcac	540
ggcaacgcta	ccgcgggtat	ctacgggtgc	tacagcatgt	gtgacaaaga	ggccaagctc	600
gattacattc	togatgccta	ctacaaagga	caaaacagga	acgccaacgc	ctgtgacttt	660

aangggcaag	gccaccaccc	agaaggctca	agaaccagga	cttttgcaag	gctaagctcg	720
agtctggttg	caaagaatca	aacgaagga	aggggttggt	actgctactt	gctgntgggt	780
ggcccccttt	ccaccggcga	agtttaagaa	ccgaggacga	cgatgagtc	ttcgggtctca	840
agcccgcctac	atcgcccgcg	tcttctctct	cggcgactac	ctgtcggcgc	ctacatggct	900
tgtcgccgggt	gttgtcngtg	cccggtatgg	tccttctgta	aagtgatttt	tggatggatc	960
atgggatgac	tcgtatcttc	ttagcggngg	cctttttgga	atgtgcgtta	ttcccacatt	1020
gtgtcctttt	ttcttgtgta	tctagcatcg	ctttcatggc	ttgtaattaa	gaacgattat	1080
agatgtctaa	taccatcttg	cgcgaaatgat	atgcc			1115

<210> 478

<211> 631

<212> DNA

<213> *Fusarium venenatum*

<210>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 478

aaaagatgac	attcttgcgtg	ccaacgcaaa	ggatcttgag	cttgcaaaaa	aagctgctgc	50
cgaggggtggt	cttagccaag	ctcttgcata	acgattggat	ttggygaaga	agggaaaatg	120
ggaggatatg	ctcaagggaa	tcttggatgt	cagggatcta	gatgaccctg	ttggtcaaat	180
tcagatgagg	acaaagcttg	atgatgatct	catgatggag	cgtgtctcat	gccccatcgg	240
tgttcttctc	atcatctttg	aggctcgtcc	cgaggtcatc	gccaacattg	cttctcttgc	300
tatcaagtct	ggcaacgctg	ccattctcaa	gggtggaaag	gaatccacag	aatcctttgt	360
cgccatctca	aagggtcatct	catcagctct	tgagaccaca	aagggtcccca	actcagctat	420
ccagcttggc	acaacccgcg	atgccatcgc	cgacttntcc	ccaggaccgn	tatattgacc	480
tcgtcattcc	tcngngctaa	acgagctggt	ccgttcatta	aaactcacca	anattcctgt	540
tctcggnccc	ctgatggctc	tgcccattta	cctgatgttt	ngncgaaagg	acaaggnttt	600
actgcacgtg	gctccaaant	antacccccc	n			631

<210> 479

<211> 558

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 479

aacgaataca	agtcgcttgc	atcacctagt	ccaccccccg	cttcactctg	acctattgtc	50
ggcacatgog	aggtgctgga	gaagaagtac	cttcgcctta	ccgccccctc	agttccatcc	120
aaagtcgggc	ctgaacgtat	tttgcgctcag	acactagatc	ttctgaaaaa	gaagtgggaag	180
cgggagagca	actactcgta	catttctgac	cagttcaagt	ccatgagaca	agatttgact	240
gtgcaacata	tcaagaacga	ctttaccggt	tctgtttatg	aaatccatgc	gcgcattgoc	300
ttaaaaaang	qggatattgg	tgagtataat	cagtgcacga	ccagctacga	tcgtttatacg	360
ggtatgggoc	gaaggggcaac	ccatttgaatc	aagggnatct	gcattctata	ttttatccat	420
acggccnacc	gaactggcct	gaacaaactt	tgycagattt	acttcngccg	aaaaggagaa	480
aaggcnataa	cctgcctctg	atntcgatca	ctttggcgcn	ggaaacatct	aggtctccac	540
tctcttggat	acccaaca					558

<210> 480

<211> 632

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 480
 ttgaatcgcg tccctcaatt tgtacgtcga ttgctataaa cacggcctat gccctcaatt 60
 ggctctacaa cgaagtaaca aacgcaacga tcgtaacgag cgccgagaac aaatactcca 120
 acatgtctga aaagaaggcg gacgcaccaa caacccaaaat gctctggggg ggcagggttaa 180
 aagggtgggaa tggatccgct tatgcacaag tacaatgcct ctatcggata caacaaggct 240
 ctctataaag aggatattct tggatcgatt gctttcgcca ganccaactc aaaggtcggc 300
 attattaccg aagatgaatt caagacaatc gagcaggggc tgcttaaagt aatggaagaa 360
 tggaagcagg gaacctttgc tattatgccg aatgacgaag acattcatac tgcaaacgan 420
 cgtcgattag gagagggtcat cggaaaggac accgctggca agctgcacac aggtcgcanc 480
 cgcaacgagc aagtcgtctg tgatatgcac atgtggctac gtgaccgcat ccgtgaaatc 540
 gacagccaac ttgtttactt tccctcaagt cctcaccaaa cgcgccgang atgaaatcga 600
 ctacctcatg cccgggttaac ctacactaac ac 632

<210> 481
 <211> 564
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 481
 gttaatgctg tccctgtcgg tgaagccatc atgaaggcgc ccgacgccag tgttttcate 60
 agtcagctgt gctctggaac tgagcccga gccaaagacag atgccgtatc gtctctatac 120
 gtcaagatct gtggcactcg aagtgtgaa gctgcacgca gggccgccga ntcagganac 180
 gaattttgtg gcactgtctt tgttcccaat gccaaagcgg gcactctctc caagactgcc 240
 ctggccattt cagaagctgt gcacacttac cccagcactc aaaagtacga gacacagggtg 300
 gcagcagtag acaacaaaaac caaggacttt ttcgaggctg caactcagaa actccgctgc 360
 cccgaactca gcttgtcggc atcttccana accagccctt gaacgaggtt cttganaaac 420
 aaaacaatac aaccttgacc tcttacaact acatggtgat aacctattga gtgggccaac 480
 ctcatctctg tccagttgtt cgatcttcaa nccaagtcag gttggcattg gtcgtcncgg 540
 atacacacag tctctctctc aatc 564

<210> 482
 <211> 432
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(432)
 <223> n = A,T,C or G

<400> 432
 atpacanccg ctgaaataat cgggtgtcaag ttgaagggtc agttgagcgg ttgggctant 60
 cccaaagatg tcatraacgc agttgcaggg atccctggag ttaagggtgg cactggcaaa 120
 atcatogaat accttggccc tgggtgcagag acaatatcag ccacagggat gtntttctatt 180
 atcaacatgg ggggtgagac aggagcaacc acatcaatct tcccatactc tgaggctatg 240
 ttgacctact tgcgcgcqac taqccqacct qaqttaqccc aaqctctqga aqtqgcaaaa 300
 tatgagctgc aagtagaaga ggggtgtcaaa gtatgatcat gttatcgaaa tggacctatc 360
 taactagag cbaagcatna acggnccgtt cactcccga ttatcgacc cgatctttta 420
 agettgaaga gg 432

<210> 483

<211> 406
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 483
 nacaacgccn acttccgaca gaaggaggtn tttgagtggc gcgacaccac ccaggaggac 60
 cccgatgagg tccgcgcgcg cgagtccaac ctcaacttca tcaagcttga cggatgatatc 120
 ggctgcctcg tcaatgggtg cggctcttgc atggccacca tggacatcat caagctgaac 180
 ggtgggtcagc ccgcacaactt cctcgacggtt ggtgggtggcg ccacccctgc tggcatcaag 240
 gaggntttcg agctcatcac cagcgacgac aagggtcactg ccctctttgn caacatcttt 300
 ggtgggtatcg tccgatgtga cggcatccca ctgggtctat caggacggcg agagctttga 360
 accttaagat ccccatnatt gcccgctctt aggggtaccaa cgttga 406

<210> 484
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 484
 atcgccaaaa tggatgcac cgtcttttccc atcagtcact ttcccaaacc attacactct 60
 ggcgacccgc ctgtatcctg agagccatgg tatcattagc aatacattct gggatcccg 120
 acttcaatca caattctatt acacccatcc ggatcagagt ctggacccaa aatgggtggg 180
 aggagagcct ttctgggtga cagcagagag acaaggaatc cgaagtgcc ttcacatgtg 240
 gccggggagt gaagcgcacg ttcttcatac cgagccaagt ttgatggata aattcaatgg 300
 caaggagacg ctgcacaaca aggtctcaag gattatggaa tttctggatc tgccctgggtt 360
 tgaagacaag actctggatg cgagcgatgt gcgacctcaa ctgattgccc gcctacgtac 420
 ctcatgttga ccgatgatgg cataagtttg ggcccaatac cacccgagat tcgcaaaaaca 480
 attcaaagat gtcgacggta ttgataggga aagaattttc acnggctttg aagaacgcca 540
 cttggcfaat attggnaatg taatccgttg tttcaaaatc acggnatggg 590

<210> 485
 <211> 545
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(545)
 <223> n = A,T,C or G

<400> 485
 tcatctaaac ttttcaagtc tcttcattct ttagcgatag tagctcccaa catttgttcc 60
 aatacagctt atctgtcccg ccattatata ctatctatct gattgtactt tcattcatca 120
 acttcagagc aaaacagaaac aaatcaaaagc catcacgatg ccttacytat ctgctgctcg 180
 ctacggaaag gacaaatgctt ggtcttgaaa agtcgatcgc gatgcttcta cgggtgttca 240
 gacgttcaca gagatgacgg tttgtgtgtt cctcgagggc gagatttaya cctcatacac 300
 ccaggccgat aacaagtgtc gtcgttgccc ccagactcta tcaagaacac catctacatc 360
 accgccaagc agaatcctgt taacccccct gagttgnaag cctcaatcct cggcagccac 420
 tttattgaaa agtacaagca catccacggt gccaacgtca gcgtcaanac tgttcgctgg 480
 gcgcgtcttt gatgttgatg gcaaacctna tcttcacagn ttttttaang gtggnganga 540

gaccc

545

<210> 486
<211> 631
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

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<400> 486
cgccaactac acctaaccctt acaccatgtc cggccctttc tctagccctt tnggggagaa      60
taqcaacccc tttqaaacag acagggggcaa gaggacgaac aatgccatcc atcgtgttgt      120
cggggaugag gatgaaanag acaaccatcac atcgccctacg aacgctcgtt tgggagcctc      180
accaaactct gccctctatgt tctcgggccc ctttggcggg ggggttggtg gcgactcttc      240
tgctgaagca ccttctggtt cngaaacgt cccaaaccct gatagctacc cggcccagta      300
taacttcggt cgcggaactt cagtatctgc cgaatctctg aaaccacgtg ccgattccta      360
cgataattgg tcaccccttt tccatganaa gaccccggtt cagatcgagc gtctcaagca      420
cgccatcgaa ggcaatttcc ttttcagtca tctggaggat gaacagagcg ctcanatttt      480
gggtgcactt gtcnaaaagc cgataccagc aaggggcctc aaggtaatca agtcaggag      540
atgctggcga ctacttntac gtagtcgaag aagggatctt ttgacgtnta tgtcaaccct      600
tagcgggtng ntacaaccgg gtcccgatgg n                                     631
```

<210> 487
<211> 890
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(890)
<223> n = A,T,C or G

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<400> 487
ctaaccgttt gottccaaac ttcccattct accatcacaa acctcacgat gtcgtcgtcg      60
tttactcggg tegtgcgtcc tgcgctcaga ggtggacgag ttctcacaca gcgcacgcgc      120
ccgctagcca ctgctctcca ttocatgacg agaacaagcc ttaacactgc tcgttccctc      180
tctacaacat catcccgccg cagcgagcat gtcgatatct ccgagatccc tctacacct      240
attacccacc tctctgagct cgagaccgcc atggttgaca ccgtctccaa atttgccaca      300
gatgtqatto ttctctgcgc gcgtgacatg gacgaggcag aggaaatgga cccagctggt      360
gtcgagcagc tgttcgagca ggggtctaatt ggtattgaya tccccgaaga gtatgggggc      420
gctggtatga acttcaactg cgcctattatt ggcattgagg agcttgccgc cgcanaacct      480
tcogtctcag tgttggtaga tgtgcacaat acctctgtta acacagctat catcaagcac      540
ggttccactg ctatcaanaa aaagtggctt ncaggtctgg cgacaaacac tgnccgcttn      600
tttctgtctc tccgagcccg tctntggttc cgatgccttt gccatggcta caagggccac      660
cggaaaacgc cgaagggtta aagatctctg gcagcaaaaa gtggatcaca aactccaagg      720
aggctgatct ctttattgnc tttgtctacg taacccccacn aggggttaca gggtatcttt      780
gcttttcttg teganaaagg caccaanggr tttttctatc ccccaaaaga aaaaaaactg      840
ggtattccgn gccctnaaca natgcgttat caacttttga caatgtcgaa                                     890
```

<210> 488
<211> 691
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(691)

<223> n = A,T,C or G

<400> 488

actaacccca	accctcccgc	gaccgggaga	tcacacgatt	cgagatgggt	cactcatacg	60
gaaagagagc	gggcacccgn	tatgccttca	gccgggactt	ccgccagang	ggtatgattg	120
ccctgaacac	ctacctccga	caataccgng	tnggagatat	cgtcgacatt	aaggcgaacg	180
gtgccgtcca	naagggtatg	cccttcaagg	tctaccacgg	aaagactggg	gtnatctaca	240
acgtcaccaa	gtccgntgtg	ggtgtcatna	tctacaagca	ggtcaagcac	cgatacatcg	300
agaagcgaat	caacgtccga	atcgagcaca	tctcgcagtc	ccgatctngn	gaggacttct	360
naagcgtgtc	aaggctaacg	ctgaggccaa	gcgtgaggcc	aaggccaacg	gcaccgtcgt	420
ccaagtcaaa	gcgtcagccc	ctgggacccc	ggggcgccca	cacactgtcg	ctctccgaga	480
acccccccat	gaccgttacc	cctcttgctt	acgagaccac	gatctaaaag	aaaagatatt	540
gcggggggtg	gtgggtgctt	cttctattta	tttgggggat	tgcgtccgga	tgggaaagaa	600
ttctgcattg	caagggtctg	ccttttgatg	tctgtacggc	atagaaccaa	aaaaaaagac	660
atcgtttgaa	gcntgaataa	naaaataaaa	t			691

<210> 489

<211> 658

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 489

tgccggccgtg	gogaacttgc	tgcaagtcgg	aggagtaccg	ggccangatc	gcgaaggggcg	60
ataccggcga	ccttcccttt	agcgagggtta	tttctgccaa	cattggcaac	cctcagcagc	120
tgcaccagaa	gcccacaccc	ttcttccgac	aggtcggcag	tcttctcgag	aaccccatcc	180
tgctcgagaa	cgaggaggct	cttactaagc	actttggcta	caagaccgat	gtcattgagc	240
gcgcacaagt	cctctcgagc	aagattggat	ccgttgggtg	ctacagcgcc	agcactgggtg	300
ttcttgcctat	ccgcgatagc	atcgcacagt	ttattgagcg	tgcgatggc	ttccctgctg	360
accccaatca	catttacctg	tccggtgggtg	cctcttccgg	tgtaaacact	ctccttaacg	420
ttatctgcgc	ctcttctaag	acgggtattc	ttatccctat	tcttcagtac	cctttttaca	480
ccgcacacct	gtcttttttt	gacgccaccg	gtgttctctac	ctggctcgacg	aagtcaaaga	540
actgggggtac	tgatgtcgat	acttttccgg	cttntttacaa	aaaggccaan	gccgacggcg	600
ttgatgttgc	cctttatcgta	tnatcaaccc	tggnacccca	ctggggcttc	cttctctga	658

<210> 490

<211> 1020

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1020)

<223> n = A,T,C or G

<400> 490

gagtnccccc	tcctctcttt	ccttttaaac	gtccaaagaa	ctcaacagct	ttctttctac	60
cccgcagaaa	acccacctcg	tgtctgggtc	gggtataacg	tacagaacag	cacagcatat	120
ttctttgtct	gtgtgacctc	tgaggctcaa	ttgaattgct	catcacaaga	gcaagagcga	180
gagcttcaac	tcctcanaga	atagagagca	ttgtgtgttt	ccaaggcggg	gaactnaaaa	240
agctccacaa	tgctctcttc	tgccgacaa	gactcgttcc	tgcggaagca	ctacatcgac	300
tatgtctaac	cgcctgggtc	gtctctgatt	gttggaactt	tgatttctaa	gaagggaatgg	360
actccttaag	ctgcctttat	cgtctatcgg	ttcggcatct	acaacttcat	ggccttccag	420
gtcaagaaga	ctcttaagcc	tgatgttttc	caggacttgc	agctcgagga	gaaaaccatt	480
gtgtcgcaca	acgtcgccat	ttacgcttcc	aagcttccca	gccccaaagca	cattctcggt	540
cttctctatg	gtcancacat	ctccattggg	gctccttggc	cccaanccga	tggtttctctc	600

aaggagattg	ttcgctcgta	cacccccatc	tctgggtgacc	accagcccgg	ccatgtcgac	660
ctcctgatca	agtcttacct	tcagggcaac	atttctaagc	acatggcttc	tcttgtcggt	720
ggccagacca	tcaagggtccg	tggccccaag	ggcgccctcg	tttacacacc	caacatggtc	780
cgacactttg	gtatgattgc	tgggtggtact	ggaataactc	tatgctccaa	gtnatccgng	840
tatcgttcgn	ggcnaaccgc	ccggtgacag	accaagggtt	acctgatctt	tgcaacgtta	900
gcccgaagaa	atTTTTTTTaa	ggaggatttc	gaacttttgg	ttgccaagan	gctgggatcc	960
gggacactag	ttttnaaaaag	cctcggaggg	ttggactggg	ggcttgggta	acgtactggc	1020

<210> 491

<211> 600

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 491

ttagaccgag	gcngtcttct	tgcagaaaaa	gagaatgctt	cccttgcccc	aatcgcaaca	60
aatggatgga	ggcaagaaga	cagagtatat	gagcgcatca	tggagaacgg	ctacaacgaa	120
agagatgaag	tgcttcgtgc	agagtttcga	gaaacagaaa	caatgctcga	ttcctctatc	180
ttgatcgctc	ctcttgtctt	cttcactctc	ccctgcgacc	cacgcttcct	taacactctc	240
gatcgatatc	tcttaccccc	tgagaaaagg	ggtctgacaa	gcaccgggtt	agtataccgc	300
tacgacactg	agctttccaa	cgatggagta	ggcggagaag	aagcgcatte	agtatgtgca	360
cattctggct	agttgaggcc	atgaccagag	cagctgtgta	cgagccaaag	tatctgggtc	420
gggctgtcaa	cttgtttgag	aatatgcttg	gtttctccaa	ccacctatgc	atgttctcag	480
aggagattgc	aagaagtggg	gagcagcttg	gtaacacacc	ccaagctttt	agtcactctg	540
ccttgatcag	ttgcggcttt	caaccttgaa	cgtgttgcaa	ggtgagactt	ttgacagtat	600

<210> 492

<211> 660

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(660)

<223> n = A,T,C or G

<400> 492

ctcgaactcc	gagaaaacgac	gtccccatct	cgccgcctca	cattcgatcg	cagcagtgac	60
ggtctagctc	gcccataatg	tttgctaggt	cgtgtttggc	ctcgacgcgc	accttcaatg	120
gccttcgcaa	cggcccttcc	gctatcgcca	agcgtgcgcg	ttcctcaagc	gccaacgcgc	180
ccggtgatgc	cactgccact	cgactgaacc	tggcgcgcgc	cgcttcgacc	actctcgcgc	240
tgggtcccat	ggcctggtag	taccatcttt	atggacctgt	ggcttttgcc	atgactcccg	300
ctgaggaggg	tcttcacctt	accaagtacc	cttgggtcca	caaccagatg	ttcaaganct	360
togaccacca	ngctctccgc	gnggtttcca	ggtctaccaa	gaggtctgca	gtcctgcact	420
cccttaaccc	aatccctacc	gaactctcgt	cggttccatc	ttgancgttg	acaangncaa	480
gggtttggcc	gaagaaaaca	aatacccggt	gagcctgatg	accagggcga	gatccaaaag	540
ggtcccgga	agctgggcga	ctacatgctt	ccccttacia	aaaaaagagg	tgcctcgattg	600
gnaaacaacg	gggcctgccc	cggatttggtt	tnatantaag	gcccgaacgg	gggtgggata	660

<210> 493

<211> 634

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 493

atcgccgtca	tggttgtaa	aatccgtctc	gcccgtctcg	ggcgtcgaaa	ccagcccttt	60
tacaacatcg	ttgttgccca	cgctcgaacg	gctcgtaact	ccaagccgct	cgaagtcac	120
ggcacatatg	acccgattcc	caaggccgac	ccttacgaca	attctggaaa	acttcacaag	180
gatatccaac	tcgatcgtgc	gcgcgtgatg	tactgggtcg	gtgttggtgc	acagcctacg	240
gatacggcat	ggcgattact	ctccatgatt	ggcattctac	caaagaagca	gttcgggtccc	300
aagaaggacg	agttaaaagg	tgttttggac	aagaacgaag	tncagattcg	ataaaaaagc	360
aagaaaggtc	cggaaagctgt	atgataatgn	ataaaaaagac	atttcgaggc	gttggttcgg	420
ggatcgatat	cacccgattg	gatgancagc	aaaaatngag	agcaaggcag	gacaacacag	480
acatcaccgg	ggatcttttg	caggtgataa	aggccatgcc	gttttaagag	gagacggaat	540
tntctatgc	tngaacggtt	gntcaccacg	ccaanatttt	ggtctttcna	attggntgaa	600
cgntaccaat	ccatgttaac	caattaaagt	gggt			634

<210> 494

<211> 525

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 494

catgaacgtc	ctgcccctca	tcaacaaggc	cttggctctc	ttccagtggg	agcaagaactt	60
caaggaggcc	gaggcccttt	gcaagaaggc	tnttattatt	gaccccgaat	gcgatatcgc	120
cggttgctact	atggctcagc	tcctcctcca	gcaaaaacaat	gttcctgctg	ccctcaagta	180
cttcgagcgt	gcgcgcgagc	ttgcccgaac	cgaaggcgag	attgtaaatg	ctttgtccta	240
tgctgaggcc	acacgaacac	aagtccaagt	tacggagaag	taccccaagc	tggcagcaaa	300
gttggcaggt	gggtgccggac	ctggaggcct	tcgcatggga	cctcaataaa	tgcgtatgag	360
acaaaatata	aacggccaga	acggcgtgta	aagtgtacga	atttggagca	nacgaaaaaa	420
aggaaggcgt	tgaattagga	tgggatgcgg	gacacgatca	caccaccctn	tgtccaatga	480
gggagctcac	tcagcgacga	actgtctcgc	ctcaccaaca	agtgaagtc	attgcaatgc	540
tttgcagctg	ggaactataa	tgcacacatt	tgacctact	gnccctgtata	taataacact	600
tcttttatct	ntttgtangn	atatg				625

<210> 495

<211> 545

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 495

tttgaccccg	atggncocgc	cgaggctctc	ttccagaaga	gctacttcca	gctcctccac	60
gaagctcttn	gtgaggggcg	tgctattact	actcaagccg	agagccctcg	gcttcacctc	120
ccctccatca	ctcgtctcaa	gaaggactgc	ggagccatct	tccccgtcgn	cgagtaagct	180
tacaaccaca	tgcccaccta	ccctcccggc	cagatcggat	tcatggtctg	cttcaaggac	240
cccaaggccg	atgtccagaa	ccctcccggn	tcctggaccc	aggaggagga	ggatgctann	300
cttcggatac	tactctcttg	agatccacaa	gggcgcgctt	cgttcttcca	aagttcgatg	360
ccaaggctct	tgagtaaaagt	cgtctacaca	caaaggattg	atgcagattg	gtttangtgg	420
ctaggtttat	gagttttacg	agaaaaggga	tcantgggga	caaaaaaggc	catggccaca	480
tagattccatc	noggaocgaa	aggtntatat	gtcccgagtt	ggaaaatnta	ttgnttttnc	540
tgccaaaaaa	ctcgacatgc	ntctagaggg	ccaattcgnc	tatattgagt	ctattacnat	600

canttggcgg ngtttaaacg tcgtgctgg gaaacctgcg taccca

646

<210> 496
<211> 532
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 496	
gngcaacccat cctttcaagt atccgccatg ccaccccaga tcaagcaaga tcttaatcgt	60
tcaggatggg agaccaccga ttccccctcc gtttgcgaga cgtgtctccc cgaaaatcct	120
tacgttaaaa tgcacaaaga agactatggg ggggaatgca aattgtgca tagaccttcc	180
actgtatttg cttggagcgc taacggtgcg aacgggtgca agaagcgaac caacatttgc	240
ctgacgtgcg cgcgggtcaa gaattgctgt cagtgttgca tgctcgatct ttcctttggc	300
cttccatcgc tcgtacgcga tgctgccttc aagatggtcg cccccggacc cagtccgaca	360
tcaaccgaga atacttcgcc cnaaataacg aacaattgat tgaagaagga aagggtggac	420
cagaanaata cgaaaagaca gacganaaag cgcgtgagct gtttcgaaaa ctgcgaaata	480
gttaacccta cttccgcaaa ggaaggacta tccaagaagg tgaaaatttc ca	532

<210> 497
<211> 629
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 497	
caactatggt cttcagggct gcctcaagtt cggcgctccc tacaatgatt ttatctttga	60
gaccatgctt gctcgcatgt gggagggtcg ccaggggcgc tacgggtgctc gtgctatgag	120
agectgtctt gaaagtcacc actccaccaa ggaccagcag cgaatgctag ctgccgccat	180
cgcctaaac agtgtccagt tggcaaccaa tgctaaccgc gcccttctct tgacttggtt	240
cctggacacc tgcactttcc ctcagcgtcg aacagttttg tcgccccagc ttgtgcctta	300
cctagtccat cttgttacc acaagggttg ctatctcacc gtgctgaagg tcatcaatca	360
gaaggcagag gcagacgcca gagacgccat tctccaggcc ttgtttttca cgcccaacga	420
tcagggtctg gagggcattc tgaaagatna ccagtgcggt gctactctca tcttcaaggt	480
gcttacgaag ccttccctcg atgagtcctat ccgcaatcaa ggttggtgag aatgttaaga	540
atgtcctgt caagatnaaa gctcaaccca accaagggtta caaacgcctg atggatnagg	600
tcgggttgtc aatcccaacg ctggnaaaca	629

<210> 498
<211> 853
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(853)
<223> n = A,T,C or G

<400> 498	
ttcgagggttc tgaatgagct cgtcatcgat cgtggccctt ctccctatgt ttctaacctc	60
gagttgtatg gcgatgacta gcttcttact gttgtgcaag ctgatgggtg tattttctct	120
actccaaactg gttctacagc atactccttg tcagctgggtg gtgcctttgg ccacctgat	180

atccctgcc	tccttctcac	ccccatttgt	cctcacactc	tctccttttag	acctatgggtc	240
ctctccgata	ccatggccct	tctgtctggt	gttcctcgca	actcacgagc	cactgcctac	300
tgtgctttcg	atggtaaggg	ccgtctggag	ctgcgacaag	gagaatgtgt	caacatcact	360
ggcctctaag	tacccttcnc	taatggaacc	cgcaccgaca	ccgagtgggt	ggacagtgcc	420
agccgaactc	tcnngtggaa	cgcccgcgct	tttgtcana	anccttttga	cgctgaagtt	480
ggtgaagatg	gcaaggacga	atgatgagat	ccgctgggat	atcgacaccg	atagcgcatg	540
ctacgctagc	gaagatggga	atgtcaagtg	ccagtcccat	ccgtcgacaa	atgagcctcc	600
tgggtctatg	atgctggagt	ccaccatata	caagagaaga	acaaatgatt	aaggcaaggt	660
gttggcggcg	tttggctttt	ttgcaccacc	atttaattgg	aatacaaaca	tttgategat	720
cangccccc	attgttgatt	aaaggaggac	cagtcaaggg	ataattcaag	catgatggcg	780
aacaaggtac	ttaaaccattc	tagattcaga	agacatatcg	tctttggcta	tgcaatatac	840
acaatgcatg	act					853

<210> 499

<211> 576

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(576)

<223> n = A,T,C or G

<400> 499

ctcctcgag	cttgctagt	ggtgtcttta	cctttgacct	cgcccgcat	cagctcgttt	60
atggattctg	ctcaggctct	ctttgtctgg	ccgctttcat	gattgtcaac	tacgcttcgt	120
ctggtaagg	ttactacaac	atggctccctc	actgtaatga	gagcggaacc	gagggctgtg	180
accttgttta	ccgtgctcgt	gccacaacct	ttccacctt	ggcctgtttg	ttgttggtca	240
ccgcttgga	ngtcaagcac	ttccaccgca	gtctgtttaa	catggacgaa	cgctgcttcgg	300
gtcctttctc	cggtgttcaag	ancatctacc	acaacaagtc	ctcttctggg	ctgtcattgc	360
tggtttcgtc	atgatcttcc	ccatcggtga	cctcccttac	ctcaacactg	aagtcttcaa	420
gcacaaagg	ctcacttgga	aatngggaat	tgtccctggc	tgggtgatct	ctacnttgc	480
ctcatcgaaa	ctggaanggc	atgaaaaaac	ggtcaactgg	ggtatgaacc	acctatacng	540
tcaggtgact	ctaattccata	aacaaatgat	taaaac			576

<210> 500

<211> 594

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(594)

<223> n = A,T,C or G

<400> 500

agcgatacta	tgatgaggag	cacaagcaaa	tgtctgagcg	tccgtacgat	ttcaacagct	60
ggcaagacag	cgagacggcg	caggctcttg	ccgctaagat	ggccctgac	gacattcttc	120
tcgagggcta	tgcggaaatg	cctacatacc	gaatgctcat	ggcgtacctg	gcgaccgaag	180
ggggcgatcg	caacatgctc	ttaccactcg	atggcgftgg	gggtactgcc	ctcctaqtta	240
agggcgacgt	tcacgtgac	ggtgccatgt	ttcctccatt	ctctttctac	cacctgattg	300
agaccgaggg	attcgccaag	atgcgaagcg	attagcgctg	cagtcattgg	gtcttcccaa	360
ctataaggtc	taccactaca	acgagtanag	attggcgtat	caactttgca	tgggcaactt	420
atttcaactg	cttgccattc	cctttcacaa	cttctagltg	tgaaaaaggt	natggcgat	480
tggaataagg	aacgggaatg	tgccttcttt	ttccatggac	aatcataatc	antttgggng	540
gttttggctc	cgcttttatt	atncaccttg	gaabaattct	tttccaaaca	agga	594

<210> 501

<211> 848

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 501

agcatcttct	cgccttccag	caacttgacc	aacgcacgag	ttctaactca	accgaatcaa	60
tcaactacac	ttttcaccaa	ctctcaaate	tttcgaaatg	gctcccaagg	ctgctgacaa	120
gaagcccgcc	tccaaggctc	ccgctgctac	tgccctccaag	gctcctgaga	agaaggacgc	180
cggcaagaag	accgccgctt	ctggcgacaa	gaagaagcgc	tccaagaccc	gcaaggagac	240
ttactcttct	tacatctaca	aggctctcaa	gcagggtccat	cccgcactg	gtatctccaa	300
ccgcgccatg	tccatctga	actccttcgt	caacgcacatc	ttcgagcgtg	tcgcttctga	360
ggcttccaag	cttgccgnet	acaacaagaa	gtccaccatc	tncttccgag	agatccagac	420
ctctgctcgc	ctcctctctc	ccggtgagct	tgncaaagc	gctgctctctg	agggtaccaa	480
nggccgggtac	caagtactct	tcctcgacga	aatagggtgg	ttgatagctt	gatttgtttt	540
gggcatttag	tttttcacgc	gtggcatcag	ggtgtcatga	atctgagggt	tcacggggat	600
ccagccctgt	ttttgggggc	ctcataatgc	gttacggatg	gttttgtttt	ttttttatcc	660
tggggggcaat	gtcttcacac	acggggcaacg	gggttcgcgg	ttgtacaata	aacatcgaga	720
atagggtctc	gatcaaata	attcgtgcac	attagctttc	tgcatcttt	ctattgngta	780
tccattcct	taatgtaaat	ccacaatctc	ttgcagtcac	agtggattcc	gattacccta	840
actcatac						848

<210> 502

<211> 622

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 502

cgcgagggag	gcactggtgt	tgagctgtgg	gcctgggttg	atgctgaaac	tgatgccgaa	60
gctgatgaga	agtggttgat	tctgacaaac	gctctgtctg	gactattctg	tgccagtctg	120
aactttatcg	acgagaccgc	aacgattoga	cccgctcatg	ccttccagcc	cgatggccac	180
cactccaatt	cctcgttggc	caacacaaga	cttctccatg	gcgtcttacc	acatgaagtc	240
gtatgcaccg	aaaacttgac	acctttctct	aagttactgc	catgtaaggg	caaggctgga	300
attgcaacgc	tactggatgg	acacaagctc	tttgatgcct	cttatcagag	catggcaatt	360
gacgtcagac	ccaagtgtga	tgcggatggc	gaatgcttcc	tggaaatgga	ggagactgtg	420
gacatggttc	tcgatattaa	ccgctccaag	agacctcaaa	acaatcctat	ccaagaccc	480
cctnctgctc	acgagcttct	ctgcgatacc	tncaaactcg	accactccga	tacacttgct	540
tncccgncga	cagcctcgat	ggccaagact	ggagttttat	tcaagtattt	gggcgatcca	600
ttaaanggaa	catgcccatt	gn				622

<210> 503

<211> 477

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 503

gtctacggta	tcaacctcca	gcagcaccgc	aacgatgttg	anacacccc	caagcacttc	60
agcaccatca	tcacctctaa	ggacactgct	tcctcccccg	agagcgctgc	tcgcgacctt	120

accatcgcta	ccatcactct	naaatacact	cagagtaact	ctgtgtgcta	cncctacaac	180
ggacaggctg	ttgggtctcg	tgctggacag	cagtcccnaa	tccactgcac	tcntcttgcc	240
ggcgacaagg	ccgacaactg	gtggatgcna	ttccacgagc	gcgttctcgg	nattaaatgg	300
aagaagggtg	ccaagcgctc	cgacaaganc	aacgccatcg	acctgctcgt	caagcggcca	360
ncttttctaan	gatggccctg	agcgtgaggg	tttcgagggg	gttttcgaag	aggtccctgg	420
ttcttttact	tgccnaggag	cgtgnnggctt	ggataaacac	tnaanacgtt	gcgtttc	477

<210> 504

<211> 2036

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(2036)

<223> n = A, T, C or G

<400> 504

cctccctctc	tcctctctgt	ctcctctctc	acacacacac	acactctcat	tcactctgtc	60
aatcatgtcc	aaacacgact	cgggcagcac	cagcacccgt	gccatggaag	cccgcgaattg	120
atcaaaaagc	ctcgacgaaa	actccaaaag	cctctggcgc	aggcaaccca	gaaagctgcc	180
cgatcagctc	ctcgagaacc	ttggctacaa	ggctgagctg	tcgcgaaacc	gttctacttt	240
ccaggctcgt	ttcatgtcct	tcgtcctcgc	ttctattccc	tacggctctc	ctacaacctt	300
ggcttacctt	ctgattggcg	gtggccctgt	caacgttatc	tggggatggc	tcgcgcgtctc	360
tctcattatt	gtctgtgtcg	ctgcttctct	tggtgaaatc	accagtgttt	atcctacaac	420
tggaagtgtc	tactaccaag	ctttcatgct	ctccccctct	cgatggcgctc	gcattgcaag	480
ctggatctgt	ggctggctct	acattgtcgg	aaacattacc	attaccctcg	ctgtcaactt	540
cggataccgc	ctcttcattg	acacgtgtgt	caatgtcttt	gagtcgagcc	ctgggtgtcgg	600
tgtcatgtct	ggagaggcct	accaggctct	cctcgtcttc	ctcgggtctca	cattcccttg	660
caacgccatc	tctgcgctcg	gaaacaaata	cctcccatgg	attgataccg	ctgctgtgtt	720
ctggactttc	gctgggtgta	ttgccattgt	cgtctgtgtc	cttgctatgg	ccaagggagg	780
ccgtcgcgat	gcccgttatg	tctttgggtc	tttcgagggc	aactctggat	ggcccaaggg	840
ctgggtcttt	tgtgtcggtc	tcctccacgc	tgccctacgt	acctcttcca	ctggaatgat	900
catctccatg	tgtgaggaag	ttcagaaccc	ttcgggtccag	gtccccaagg	ccatggctgc	960
taccatcttc	atcaacacct	tcgttggctt	cctcttcctc	atcccgttga	tggtcgtcct	1020
ccccgatctt	caagaagtca	tcctttccgc	ccagccagtg	cccttcctca	tcaagaccgc	1080
tggttggtagc	tcgggtgggtg	cctttggact	cctcttccct	ctcatcgtcc	tcgccatcat	1140
ctgcggtatt	gggttgacac	actggccact	tctcgatgca	catgggcttt	cgctcgtgac	1200
ggtgctatcc	ctgggtgcta	agtgggtggc	caagggtcaac	acttcgctcg	acnttctctt	1260
caacgctatg	atgctcacat	ggttgtccan	atcatcctcg	gtatcatcta	cttcgggttcc	1320
tcnccgcct	ttcaacgctt	tctctgggtg	cgggtgtcatt	tgnttctgac	aggaaagcac	1380
cctagaccaa	tagcncnag	aacgctgcc	gccccaaagat	gtaactttgt	caagcctgaa	1440
taactgggtt	gtcttgggga	aaccttttcc	ggcgctcgta	anaagggtgt	tgacaccgct	1500
gatggcgtgg	tagncaaagg	ggaaaccnga	gagtgaactt	gagaccaccc	ttgacggcaa	1560
ggggaagacc	ggcgacgaag	ctagcgatgc	tcaaactctc	gaggtggaga	ccgacgatgg	1620
gagcggcgag	gtaggcgatg	gagaagccgt	agaggggtgac	ggagagagta	gagccggtga	1680
tacggttcca	ggcgagagct	ccgaaccatg	tctgctcgat	ctttagatag	gccagatggg	1740
gagagacggg	tcggttgagg	cgtgggttaa	cgaggatctg	ttgaccttcc	tcttgagaga	1800
ccttgacaga	accagtagag	gcgcggttgg	gagaagaggt	agagatgcca	gcagccagag	1860
cactcttggg	gatgttctga	gcaaaagaaag	gcttggccgc	gcctgaqcyg	agggcgttga	1920
cgccaacacg	ttgagcgagc	atcgtggaga	ggattatttg	ttcggatttg	agggagggag	1980
gttcgtccaa	ggttcgtcca	acgatattgt	cggcgtcgtt	actccaaaga	gggcag	2036

<210> 505

<211> 826

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (826)
 <223> n = A,T,C or G

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<400> 505
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tggccgacag taagcagttc tacgtctacg agaccaagga cttttggcgc cagatcaaga      120
ctgctggctc cgctgttccc gccaacgctc tctaccttca gaaggccgca cagtccgaat      180
ccagctcggg gctcgccacc cccagcgcca acatcgctcc cctgtttttc attcacccta      240
ccgctcaagt tcacccccact gccaaagctcg gcccacacgt gagcattgga cctcgcgctc      300
ttgttggcgc tgggtgcccgt atcaaggaga gtattgtcct tgaggactct gagatcaagc      360
atgacgcctg tgtcctctac tctatcattg gctggggtag ccgcggttgg gcctgggctc      420
gtgtcgaggg tactcctacc cctgttggca gccactcaac cagcatcctc aagaacggtg      480
tcaaggtgca gagcattacc atcctgggga aggactgtgg tgttggcgaa cgaagtcggg      540
cgtccagaac tgtgtctgct tgccgtacaa ggagctgaaa gagggatgtt ggtcaatgaa      600
gtcattatgt aaaggaattt gtctctacac tagattagat tagcgcaaaa agtttgcgat      660
cgttcccgca tgcctaggct cggatatata caagctgagg ccatcaaaaa cgtaatggan      720
gatgtatata ggagtaattt cgggggacta tcagggaaca aataaacatg gtccttttgg      780
gactgctgaa gcgggacgac tgacgcctca ccaagtaaga aacacg      826
```

<210> 506
 <211> 595
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1) ... (595)
 <223> n = A,T,C or G

```
<400> 506
ggacaatgag ccggcagctc gtcttgtggg tgacaaggca gctggcaacg atggacattg      60
caatcatatg ttcttccaca actattctcg cagctgaagg atccctcgaa ccaagaacag      120
ttggcatcat catatgaatc acacacgtca tctgtcttgg agcattgcat ctcttcttca      180
actcgtccac agtagcattt cgtctccact gttacttcgc aagtaccaca cacgcctggg      240
tggcatatct gagtgcattc atgctgtgag cacggaagca gatcaccaca tagctctcga      300
cagctccatc cgttgtagta atcgggtgtc ctgcagtttt ttcgctgaga gttctttcca      360
caatagcacg gctccgggtg gctaagaacg gtacaagggt ggcatggccc aaggtgacac      420
tggagaagtg catgggtgag agcatgtcga tctggatttg gnacangtct ggccacaaaa      480
atganggggt aggagactat tnngctgag ttgcggttct ttggcgcacc agcatgaact      540
attacctggc tcgtcgggtc anggttgaat tgcattcaag acaacgcctg acttg      595
```

<210> 507
 <211> 651
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1) ... (651)
 <223> n = A,T,C or G

```
<400> 507
ctccagggtc tataactagc ctccattata ttggactagc cctgtaaact ccttcgcttt      60
agttatatct acagcaagaa accgacaaga tgaaggccaa ttggcttgcc gcagccgttt      120
atttggctgc tggcagtgat actgcagctg ctgcccaggt ccttgatact ttggcaggag      180
tcaatctcga tgcgcgagac aaactcgctt attctcctcc tcaactatct tcaccatgga      240
tggaccctga agctcctggt tgggaggaag cctacgccaa ggcaaaggac tttgtgtccc      300
agctgactct tttggaaaag gtcaacttga ccaactggtg tggatggcaa ggcgaacgct      360
gtgtaggaaa cgtgggatct attcctcgtc ttggtatgcy aagtctctgt cttcaggatg      420
gtcctctcgg aatccgcttc tccgactaca acagcgcttt cccactgggt gtcacccgcg      480
```

ggcgcttctt	tggagtaagg	ttctctggta	tgaaaaaagg	acaattgctt	gggtaccgaa	540
tttaaggaaa	aaggcatcaa	cattgcttct	tgggcctgct	acngggcctc	ttggggccgtc	600
acgcttgccg	gtgggcgaaa	ctgggaaagc	tttnaccgtn	ganccctatt	n	651

<210> 508

<211> 507

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(507)

<223> n = A,T,C or G

<400> 508

ttcttgatct	ttcagctcct	actnttccag	cgganaaaaca	actctttgtg	attaatcgct	60
attatcacaa	tgcagatgga	tactgtttatc	aacatggccg	atgcgcgaca	cgcactggat	120
cttgctcgaa	tccggttcca	gctaattcga	ctngaggata	ccatcacttt	ccatttgatt	180
gaaagagtgc	agtttgcatt	gaatagnaca	atctatgtcc	ctggagctgt	cgagcttcca	240
gaagcgaacc	tgagcttcct	cgactgggtac	ttccgcgagc	aagaaaagct	gcaatctnta	300
atccgacgtt	tcnaatcccc	tgacgagtc	ctttctttcc	cgacnctctg	cagaagccaa	360
ttctcaangc	ctntcacttc	cccagantct	tatatganaa	cgacgtcatg	tgaacgacaa	420
tattnagntt	tttnacgga	aagttctttc	cggagngtgc	ccgctttngg	cgggaggnng	480
ggngagccc	aaaaaactcc	ggtcccc				507

<210> 509

<211> 574

<212> DNA

<213> *Fusarium venenatum*

<400> 509

cgctcgctcg	ctcatgcaag	ttatcggtct	tgctctcacc	ctggccctct	tcttcgctcc	60
ctttgacaac	gactactact	ctgtccagag	ccgaatgggt	tttgttcagg	aaatcggcgc	120
gttctacttt	gtcggcatgt	tgcaaaatac	agccatctac	cccagcgagc	gcgatgtgtt	180
ttaccgagaa	gacgacgacg	gcgtctatag	cgtaaatgct	tttctcgctt	cctacaccat	240
cctcgaggtc	ccctttgagg	tgataagctg	tatgatattc	ggtgttctgg	gcgtcatcgc	300
ggtagacctc	cctcgcacgg	caacgctcta	cttcacatcc	gtctttgctg	gcttcggcat	360
cgtatcctgc	ggcgaagagt	ctcgggtatca	tgttcaaacac	gctctttggg	cacactgggt	420
tcgccgtcaa	cataatgggc	gtgttcctgg	ctcttgctaa	taccatggct	ggcgtgctct	480
ccattgacat	gcccagagctg	ttcaaggcct	tcaactacct	ctcgcccatc	cggtagcgac	540
accgctgtgg	cgccgtattc	cctgcgtggg	atcg			574

<210> 510

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 510

caaactctgtt	agatttttct	cagcttcacc	cgcagtcacg	ggtaacaagg	ttttcttcga	60
tatcacctgg	gagggtcccg	tcttccagaa	cggcaagccc	acctccaccg	ttaaggagca	120
gactggccgc	atcaacttca	acctcttcga	cgacaaggte	cccaagaccg	ccgagaactt	180
ccgtgctctc	tgactggcgc	agaaagggtt	cggctacaaa	ggctcttctt	tccaccgaat	240
catccctgac	ttcatgcttc	aggggtggta	cttcaccctg	ggcaacggca	ctggtggccc	300
caacaccaac	ggctctcagt	gcttcacac	caccgtcgte	acctcttggc	tcaacggacg	360
ccacgttgte	tttggtgagg	tgcgtgacca	gcagtccect	gatgtcgtea	angcccttga	420

agctactggc	tccggcagtg	gtgccgtcna	gtacaacaag	aaagccacca	tentcgactg	480
cggtagagctg	taaacagctc	aatccgtacn	actngcgaac	gggaatttgg	aattgcataa	540
caaaacctca	ctgaaggctg	gcganattga	actaattagt	ccaggcta		590

<210> 511
 <211> 443
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 511						
caacgcgcgtc	aacctctttt	tgcagggtctt	tttcaactatt	atgtacagtg	acttgggaatg	60
tgactacatt	aacctatttg	acctctgcaa	ccgactcaac	acctacatca	ttccagagggc	120
tgccgtacac	ggtttcttga	cattctctctt	ccttatcaac	ggatactggg	tgccctcttat	180
tctcaacctg	cctctctctg	gctggaacgt	caagaagatc	gttgacaaca	ctcacctcct	240
cgatgcgact	gagatcttcc	gcaagcttaa	cgctccacaag	aaggaatctt	ttttcaagct	300
gggcttccac	ttgatcatgg	tctctctcta	cctctacagc	atgattgttg	ctcttatccg	360
agacgagtct	ttctaagtgg	tactctttac	ccagcccggg	atccgaatat	ttccgatgtt	420
aggcattgct	acgtcagata	gaa				443

<210> 512
 <211> 389
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 512						
gcaccaacga	tgccgccgct	ctcaaaatgg	ctgatgttgg	cttctcaatg	ggatatcgctg	60
gtacagaggt	tgcaaaggaa	gcttcggcta	tcattcttat	ggacgacaac	ttcaacagta	120
ttgtcaaggc	cctgaaatgg	ggtcgcgcag	tcaatgacgc	agtcaagcga	ttcctacagt	180
tcagctcac	agtcaacgtc	actgctgtta	tcctcacctt	tgactgctg	tttccaatga	240
tgaanagtcg	tcaagtnttg	acggntggca	acttntntgg	gcaacctgat	catggacacc	300
ctgcgcgttt	ggnttttgga	ccganctccc	accaaagggt	ttccnccnaa	agcctgaccc	360
aagggatcga	ccttnttttt	tgccccatg				389

<210> 513
 <211> 722
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(722)
 <223> n = A,T,C or G

<400> 513						
ctttctgacc	agtgtcaact	gggtangetna	cgtcccatnc	ttntacgtcg	tgtccatata	60
caccgtcttt	cgttactcct	gttgtctacc	acttcattcg	ttttttaata	tttataaraa	120
tcctctttac	ttttcaacta	ttctaataaa	ttccatttgc	aacatccgca	aacatgggtct	180
ctatgtggtc	cagaattatg	ctggctggca	gccttgacgc	ttcagttact	gcgcagacgt	240
attcgagctg	caatcccatg	aagcagtcgt	gtgatgccaa	ccccggtctt	gcttcttcat	300
cttactcggt	agactttacc	aagggcagcg	acgacaacaa	ctgggaagga	accggtcacg	360

gagacgtcaa	atatacctcg	gaagggtgctg	agttttacgat	caacaaacag	ggccagtcac	420
ctactatcca	gaccaagtgg	tacatgttct	ttggtcgtgt	tgagatccat	atgaaagcag	480
cccctgggca	aggcattgtt	tctgtctattg	tcttgctgtc	tgatattctt	gacnaagttg	540
actgggagtt	tctgggaagc	agaaatccga	aaccagagacc	aatttctacg	caaaaggaag	600
cacgggatac	actcagagtc	ttacattccc	ggtcgaaaac	actcattcag	aatttcacaa	660
ctataccgtt	cattggaccc	aagantcatg	ttgcgtggta	tatcaacngt	gtttctgtcc	720
aa						722

<210> 514

<211> 512

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(512)

<223> n = A,T,C or G

<400> 514

gtttgccacc	cttggtgact	tgaagggtggt	cgagagacct	accacacaaa	acctaggtcc	60
tcattgacttc	cataacgtcc	aatgcacaa	caagggtctca	tcaacagata	ccggtgtcat	120
ctttggtaac	gttgtctatg	acgggtgtca	ctccaccgac	accaatgttg	ttattctcaa	180
tgacctgcac	gtcgacatta	tggattacat	acagcctgcc	acttgcaactg	agacccagtt	240
ccgcaccatg	tggactgagt	ttgaatggga	gaataangtc	aacatcaatt	ccaaggccaa	300
gacactccgc	gacttccttg	atcagttaat	ggcttgccac	aatatgaact	gcctgacacc	360
agaagctacc	ttnaaggcga	ntgccattcc	cgagtgccac	ttgttcgcaa	naaacntttt	420
ngggaagang	ctctcnccan	ccgancatga	aaagaaggta	agaaggacna	tnctggggtg	480
ttaaaanaga	atcatacaag	cctggccccg	cc			512

<210> 515

<211> 632

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 515

ctgacacctt	ggctttttaca	acgcgcgtatt	cttctaatacc	tcttggttggc	ctatctcttc	60
actgttttga	tcacaactct	actatacagc	aaccatgcga	gcttacttct	acgatgggtct	120
tccaggtgac	cagcgcctcc	cccacaactc	tggaaagccc	gtcagcgtcg	acgatcttat	180
gaacattggc	gtttactatt	accatcttcc	tgagctcgac	caggtcgaca	atcttgcgaa	240
tgagcgcgaa	tacaagaacc	gtgacgagat	caccgtctct	ccccaggcta	tgggcgacat	300
ctacgagaca	aaagtcaagt	ctttcttcgc	tgagcatcta	catgaggacg	gggagatccg	360
ctacattctt	ggtggacgtg	gatactttga	tgttcgaagc	aaggacgacg	actgggtgcg	420
cgtttttgctt	gagaagaatg	acttgcttat	tctcccttct	ggcatttacc	accgnttcac	480
caccgacgag	accaacttcg	tccatgccat	gagactggtc	aaggaggacc	ccaagtggac	540
gccactgaac	cqngggcccc	aaqtcgacaa	gaacgagcac	cggaaccaga	taagtgaagc	600
acttcattgg	gcgaagctac	cgagtaagaa	gc			632

<210> 516

<211> 1058

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1058)

<223> n = A,T,C or G

<400> 516

ttgtgttgtc	gcttttcattc	ctgaggggtat	gcctgtggct	gtcgcgttga	cacttatgat	60
gggtggctcgc	cgcataaagg	ctgtcaacgt	cctccccaaa	ggtctatcaa	ctgttgagac	120
attgggctgt	gtcaacgtca	tctgtctga	caagactgg	actctcactc	aaaaccagat	180
gtttgtcagc	tctgttgctt	ttgtcgacaa	gaagtttgag	tcttcggatg	agtttgagta	240
ccttgtcaat	agcaaggaag	cgggtgagcc	ttcaatggct	ctgcagcgtg	ctgctcttct	300
ctgcaatgat	gcatcatttg	acccaacaac	cgtccatctt	cccattcaag	agcgttctat	360
catgggtaac	gccacagaca	gcgctgtctt	ccgcttctct	gcatctggac	ccactggaga	420
tagcctccga	aagaccatgc	ctcgcgtctt	tgaagttccc	ttcaactcca	agaacaaatg	480
gatgttgacc	gtcttncagt	cgggcaatga	gagagggtgt	taccgggtta	tcataaagg	540
tgctcctgat	atcctcctcg	ctgggttgac	taaagtactg	gtccgctgag	tccaacttcg	600
ttgtcaccct	taccgcgcac	gcacgcacat	agttccagca	gatccaagat	gaagcctctt	660
gctgtgcgga	acgtgtcctc	gtcctttgtg	aaaagttcat	cacacctcgc	tctgttgccg	720
gtaccaacaq	ttttaatgac	gagatnacac	actctgccat	ccaagacctc	accatcgttg	780
gtatgctcgg	tatcatcgac	cctcaacgtc	cggagattcc	tgcacacagt	gancaatgtc	840
gacgcgctgg	aactcgtttc	tcattggtact	ggtgactacg	ccttgaccgc	tgctgcaant	900
gccncaacac	tggtacctcc	atgcancagg	acctgacaca	tcgatcntcn	acctgganac	960
ttaagtaana	ggaaagagac	aaganccaga	aaggngtctg	cgaattacaa	ngaattccgtt	1020
cttagngnca	actnaaaanc	atcaaagntg	gantcttt			1058

<210> 517

<211> 633

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 517

gttgcccacc	tcatacccg	ccccaatatg	ggnggtaaat	cctctttcgt	tcgcgctcta	60
gccctcattg	ttcttntttc	acaggctcgg	tcgtatgttc	cancagactc	attgtctctc	120
actctctgtg	atgccatcca	taccggaaca	gggtcccgc	ataacctgtt	tgctggcnaa	180
tctaccttta	tggtcgaggt	ctccnaaaca	gcgcgcattt	tacgctctgn	tggtccccga	240
agccttgcta	ttctcgatga	gttgggcccga	ggtagcagca	ctcatgacgg	cgccgccatt	300
gcccagccg	tgctggagca	tgctcgttacc	ganacacagt	gcctaaccgt	cttcattaca	360
cattatcaaa	acctggcgcg	ggctgcgcga	ggctcttgacg	gcgtcaaaaa	tggtcacatg	420
aaattcaagg	caaaaaaagg	ggaggatggg	gaggaanaag	tcacgttctt	gtacaaaatc	480
ggngangggc	ttgcccatcg	ctcgtaacng	ttgaacgctn	naaacctcgc	cgttttctta	540
aaaaaagtga	ttgatgggtg	tgctttgaag	nccnagtcaa	ttganccaaa	aaatgaaaaa	600
tnccgccctg	anggggtgtt	tgccggccct	ttn			633

<210> 518

<211> 647

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(647)

<223> n = A,T,C or G

<400> 518

atctgccctg	tcaacgacct	cggagccaac	atctttacag	gcctcaagtg	cgaccccaac	60
cgggtcttcc	ttcccaagac	atacagactg	cccagactgt	tcttccttcc	tgacaccgcc	120
aacttctcct	tcaccattgc	tctatgcag	attcacgtc	tcaatctggc	cacatttgct	180
tcgctcatcg	ctcctttcgg	tggtttcttt	gcttccggcc	tcaagcgtac	cttcaagatc	240

aaggactttg	gcgactctat	tectggacac	ggagggatca	ctgatcgcat	ggactgccag	300
tttatcatgg	gtttctttcg	cctacatgta	cttccacacc	ttcgttgcta	tccacaaggg	360
caagccttgg	ataagggctc	gagacggcaa	tcaacaagcc	taaaccctcg	tgaagaaagt	420
cgagctcggt	aaaaagtatg	ggccattacc	tccgaaaaca	angggtatcg	ggacagaaaa	480
aacaaacgtt	catgcattga	tcaactccgg	ccgttgcgaa	ctntttgcaa	taagaaaaag	540
ccggacaacc	atagcatctc	gactccgaca	catattttca	tatccgactg	gggctatcca	600
cactaagtcc	ctcntccaat	caacctggcg	ttctcctttg	gtaaaaa		647

<210> 519

<211> 940

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(940)

<223> n = A,T,C or G

<400> 519

cctacccaaa	gctctactct	cttatataat	ccggctttcta	gaccatcacc	aaacctctag	60
cttacctgcc	ttgcgctggt	cgattgtccc	tccaatttga	cctcatctcg	aaccttataa	120
caacctcttg	tcacctcttc	gacttatacc	ggctgcaaac	atcaccatgt	ctcaccaagt	180
caacggcgac	gtgagccccg	ctcagtactc	tgcttttcac	cagcatctcc	tcaactatcc	240
ttttatcagc	gacggcgctc	acaccttcaa	gtccaacgaa	ctcggccagc	gctccatcag	300
acttagtgac	gccgcctacc	aaacctttgc	tgctcccgct	gttccctact	tctccaaagg	360
ctaccaatat	gtctcacctt	atgtccagaa	ggctcgacagc	ctaggcgaca	agaccctcga	420
tcgcatcgac	gagaagtttc	ctgctgtcaa	aaagcccacc	gacgagctct	accaagatac	480
ccgcgctctc	atcatgtttc	ctctccagaa	gggtcttgag	ggcaaggacc	acgtcttcca	540
ggctctacaac	tccgagatca	agaagggtga	gcaggggagg	ctcgtcgccc	atggaaaagg	600
ccgcgcgtcac	caccgttctc	gtcgttagca	acgaaactct	ttttttgggt	gagctctttc	660
ttgcaccaga	agaaggccga	caccaccaat	gccatcaacg	agaagattaa	ccagtaaaca	720
tctcgctcac	acgactatgg	cgtcattagt	ttgatggctg	tagtcagcaa	gcacatttat	780
accctccttg	nttcttttna	ataagggatg	gtttaaaaca	cgnggtttct	cgtcgnattt	840
ctcttttcctt	atgctttccg	gggttttagat	gccaggaaan	tccgaatagc	gtgtntngaa	900
ctgtcactct	cgccgtccat	ctgcgcctct	cctggcctgt			940

<210> 520

<211> 580

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(580)

<223> n = A,T,C or G

<400> 520

gtaaaccccc	ccccatacaa	atggaaaatc	gnaaccctgt	tttttttgca	gtccgccttg	60
ctacccccnc	aaggggtatc	acctttgtgc	ccaacgatgc	ccgagtcttt	nattttgccc	120
naagcaagtg	ccacaagaac	ttnaagatga	agcgtaaccc	tgcgaagctg	aagtggaaca	180
aggccttccg	caaggccgcc	ggcaaggaga	tgacggtcga	ctctactctg	cagttcgccc	240
cccnccgcaa	cgttcccgtc	cgctacgacc	gagagctcat	gggcaagacc	ctnaaggcca	300
tggagcgtgt	ctntganatc	cgccaacgtc	gcgagcgcgt	ntntacaaa	aagcgcattg	360
ctggcaagcg	tgagccgtga	ngctcgccac	ccgcccgtga	agcttgctgc	ttgagaacga	420
gcatttccctg	ccccgcattg	gcgggaancc	aaaaaaaaanc	gtntgcgcna	acttgggtnt	480
ggggagaang	gagganattt	gagganattg	gagccccgac	cgccacaatt	tccaagggtt	540
tttggnngggc	gaanaaaaaa	aaaaantccc	catttgntnt			580

<210> 521

<211> 590

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

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<400> 521
ggcancgaga catggatcta ccagatgagc aacaactcgg gtatctcatg ggacagtgac      60
aaagatcttt acaaagagac cgagtatagc tacgatgaaa ttgtgccgcc tcccaactgg      120
caaaagcgct accccgatgg atacacaaaa gatactcctc ctctaacct caaagaatgg      180
gaagctttcc aggtctggat gcgtacagcg ggtcttccca ctttagcaa gctttaccag      240
cgtaacaaca ccagggctat gtggccagga acctatgata ttatcatcga tgaccatttc      300
ccgactcgag agtacaaggg ttccaagtca tcattatctc taccggaacc gntattggag      360
gacgcaaccc ctctctggga tggcttatgt ttgtctcggn ggggttgcat tcttctcgga      420
ctgncttcac agtcactcat cttatccgac canaaaaatg ggtgatcaca cttatctntt      480
gtggaacaac gccctggcgc caagtctggt cccagtaccn ggtgcgcttt cggncgcgaa      540
cttccgtcct tggnganggc taantcaant ttgngacgaa tgctcgcgct      590
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<210> 522
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

```
<400> 522
ggcacaccaa attcgatctt ggcatacaca aataggaact tcaactggccg tcttgatgga      60
aatcctgcta cccatacatt cctctcttca ccggacatgg ttatggccaa gattttctct      120
gacgatcttg gtttcaaccc tctgaaagat gctcttgta ctgaaatctg gcgaagaaat      180
tccgcttcaa acctcctagc ggcaacgcac tcccgtcaga nnggtatgaa aacacagatc      240
acgtttacga tgcggcttcc acagaccctc aggtccgaca ggccgtcact gtgcaaatat      300
cgccagactc ccaacgttta caacggttag cgccattcaa gccttggtct ggacaggatt      360
catcnaatgt ctatcttata aagactatgg gtaaatgcac aacagaccat atactacagc      420
tggccatgga tgcnattccg tggatcatct aaaaactttcc acaatacctt atcggggctg      480
tgacgcngat aaccagaagt cacaaggtac ttaaccaatt cncggatctt tnggggtttc      540
cngaaccgcc aggattacaa aac                                     563
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<210> 523
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

```
<400> 523
cttcaacttc atgggtcccg tcatccacga agcctccttc aagaagcttt ctggtgccat      60
tqatgagggc aggagcgaca aggacctcga gcttqtcqtt ggtggcaagt acgactcttc      120
caagggctac tacgtccacc ctaccatcta cggcaactacc aaccctaacc acaagttctt      180
ctctaccgag ttcttttggtc ctatcctcac cactacatc tacgatgacg ccgccccctaa      240
cgccatggcc gatgtctgca agctcattga gaccacctct gactacggtc tgactgggtgc      300
tgtctttgct gctgaccgtg aggtctcccg cttecgctgan gancatctcc gcnacgcgcg      360
tggttaacttc tacgtcaact gcaanaacac tgggtgcggtt gtcggccanc aacctttggg      420
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tggntctcgt	gcctccggca	ccaacaaaa	agntgggtggc	nagaactcct	aaccgcgttc	480
gtcaatgttc	gagccatcaa	ngaagaatc	gttcctacca	ccaaggtcnc	ttaccccngc	540
caagaaggtc	ttaanttcg	nacacacnt	tcccgaattg	gaaaggaaaa	aatgg	595

<210> 524
 <211> 773
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 524						
ctctcaacaa	acaaataactt	caccacagaa	actatacaac	gtccaaacatg	gcctctgcta	60
ctagctttta	cgacttttaag	ccgcttgaca	agcgtggcca	agagggtccc	ctcgccgact	120
acaagggcaa	ggtcgctcctc	atcgtaata	ctgcctntaa	gtgcggcttc	acccctcagt	180
atgccggcct	tganaagctc	tggaccgacc	tgaagggcaa	gtaccctgac	gactttgtca	240
tcctcggtt	ccccgtcaac	cagttcggcg	gccaggagcc	cggcaccgac	gatgacattc	300
aggagttctg	ccagctcaac	tacggcgtga	gcttcccat	catgcaaaaa	accgaggtca	360
acggtgacgg	caccaacccc	cttttgggtt	tggctcaagg	accaacaaag	ccggtcttct	420
cggcctcaag	cgcatacaagt	ggaactttga	aaagttcctc	gtcggccgtg	atggcaaggt	480
caagggtcga	tggccagcac	taccaagcct	gagagccttg	anaagcccat	tctcgaggcc	540
cttgctgaaa	agcctgcggc	ttaagatcat	gatgaatgac	gaaacaagga	aaaggcnccc	600
acgtcaatcc	ccatcaatct	aaaacgaaat	accagtnng	gggggaacat	aggtgcagtg	660
tttaatgaga	ggcttccaga	atcatggaaa	acagctagat	aaaataatac	aatgatcggg	720
catagcctgg	tcaatatttg	atggcattca	tattctactc	ggaaaaaaaa	aan	773

<210> 525
 <211> 601
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 525						
caacatgcag	ctgaccaacc	tcttctgtct	cgccagtgtc	ctgacatccg	tgtcagcagt	60
gaccgtatcc	tacgatccag	gctatggaga	agctggctgt	gccatgacat	ccgtcgcttg	120
ctccgacggt	tcaaacggtc	tcatacacag	ctacaagtgg	cagactcaag	gccagattcc	180
caagttcccc	tacatcggcg	gcgcgcaggc	catcgctgga	tggaaactcca	agagctgtgg	240
tacatgctgg	aagcttacct	acaagggcaa	gagcatcaat	gtcttggcca	ttgaccatac	300
ggatgctggc	ttcaacattt	ctcctgcggc	gatgaatgct	cttaccaaca	accaggctgt	360
taagcttggc	cgggttgatg	cgactgctac	tcaggtagct	gttaccaact	gtggtttgaa	420
gaantagatg	tttgggagaa	ggtcggtcac	tgaatcggat	gaagcttcag	gaataacgag	480
atgggatgag	atatgattca	ggattttaat	gtttagtagt	attcgttaat	tcttactact	540
gthtgttct	ttcaaaaaaa	aaaaaatact	tattttataat	atttggtcgc	cgnngcaaga	600
a						601

<210> 526
 <211> 938
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(938)

<223> n = A,T,C or G

<400> 526

aagggttgc	at	tttgccttg	ttacataaac	cgacattctt	tttaaaca	aaatagctac	60
tacatatcc	aagacaaga	acccgccaca	gtcaacatca	tgtccagaga	tcgccgtata		120
ttgaaagagc	ttaaggatat	tgaacttgat	catgacaact	cgggtgtaaa	tgcgactctt		180
gcttccgacg	gggtcatgac	acgcctcaaa	gggacatttc	ctgctcctcc	agacacgcct		240
tactctgggg	gtacctacac	ggtcgacatt	cagatccctg	atcaatatcc	attcaaggca		300
ccaaagatga	cgtttgacac	aaagatttgg	caccccaatg	tcagcagtca	gacgggcgct		360
atctgtctcg	acacactcag	ctccaactgg	tctcccgtcc	agaccatcaa	aaccgctctt		420
ctcttccttc	gaatgcttct	cgaatgtcca	aacccaaaag	atccccaaga	cgcagagggt		480
gcaaagatga	tgatcgaaa	tcttgaacgg	tctgctgtca	agggccacga	ctgggcagtt		540
caatacgctt	ggagcttcac	gaaaagaagt	cgatcttcag	tcaatacaaa	caagaaagcg		600
cttcttgaga	actcccaaag	ctgatcccg	cgggtatatg	ggatacaata	aggacctcgt		660
tgagaagttc	gtcagcatgg	gctttgctct	cgacagtgtc	gttgaagcct	tcattgctat		720
ccccattuan	cgttaacggg	ggacgggact	acgtatttga	agaagcatac	atggggcgac		780
attgtcgcca	gactctctgg	cganccaatuu	ttctatctca	cgttacgtct	aaagaagaag		840
aacatcgttt	ctgataaata	actttcagca	tggtatgggg	aattagantg	cgttcccga		900
ttgtttccnt	tcctttaatt	cctttatccg	ttccacat				938

<210> 527

<211> 480

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(480)

<223> n = A,T,C or G

<400> 527

gcagtttctt	cgcagccaag	aacaagaaga	aggtctgcgc	catggaagcc	cctcccccta	60
ctctaaaggc	ttcaggtaact	ctatcagagc	gcgagaacat	cgaagtcgag	gtcatcaagc	120
tgctcatttc	ttcttactac	aacattgtca	agcgtaccat	gattgacatg	gttcccaagg	180
ccgtcatgct	gaaccttgtg	caatttacca	aggacgagat	gcaacgagag	ctgctggaga	240
atattgtacc	aacgcacaca	ttagacgatc	ttctcaagga	gagtgatttc	accatccgaa	300
gaagaaagga	gtgccagcag	atggttgagt	ctcttttcaa	ggctagttag	attgcagcca	360
agtacagtga	tgctgttcat	gaacaangct	tcttatnate	acgtccaatt	ngcgtcagag	420
tcaggnttgg	gnccatctgc	agcctctttt	ttcccgcgac	caccgcttaa	aggatcactg	480

<210> 528

<211> 511

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(511)

<223> n = A,T,C or G

<400> 528

cccgaaataaa	ctcatctcgt	cgtctcttct	ctacgaacta	ccactccggg	ctcacgaagc	60
accaatttgag	ctccctccct	cctcgccctc	ccgacgacca	aaattagaat	atatacggcc	120
ggcatgctgc	gcacatcggc	caccaacctg	ctgggcaaga	gcttctgtgg	cagcaactcc	180
ggcctggcct	cggagagctg	ctcgactcac	gccatctcca	acctaacctt	cgcacaacac	240
gagaagcgat	gggagggtat	gcccctcag	gagtagggcg	agctctggat	ggctctgggt	300
gacgcgatgc	agtcacaact	gaccgagatg	acctccagg	agaagaaagc	tgcttactgg	360
attgccttcg	ggcctcacgg	tccccggcgt	gaggaccccc	ctggaaccaa	cgcgcgcgtc	420
gcttgggggtg	tcttcattgg	tattgctgcc	agtgtcggtc	tcttcggcct	ggctccgcctt	480
gtcgctaagc	ctgctcctta	cacctgact	caggagtacc	aggaaggaga	ccaacgagtt	540

ctcaagaacc aaaaatccga tcccttcact ggtatnacct ctgctgggta cgccttgcaa 600
gggtatgggc c 611

<210> 529
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 529
cctaaaaactt catcgattat caacaccaca gattagccat catggatgag attgcccccg 60
aattatgaagt tgcgtggtg ggtactgggt tgaccgagtg tttctttct ggtgtttctga 120
gtgtcaaggg caagaagggt ctacacatcg accgaaacga ccactatggc ggagaggccg 180
cttccttgaa ccttgagact ctcttcaaga agtacggaaa cttccgtgag ggcgaggagc 240
cctggaagca atatggccgc tcaacgactg gaacatcgac ctggttctta agttccttat 300
gtcctcgggc gagttgacca atattctcgt ctctaccgat gttacacgat acctcgagtt 360
caagcaagtc gccggcagtt acgtccagca gggtnccctc acaaggccac cgtcgccaag 420
gtccctnttg atgctgtgag gccctgcgat ccccttatg ggactnttcn aaagcgacgc 480
atgaagtcct tcttcgagng gttgggagtt ccaccaang atccacaca cacanggcct 540
tgantgacaa ctgccaatga aggacgttnt naaattcggc tcnaanaaca aaaggatttt 600
ngccccct 609

<210> 530
<211> 484
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 530
gcgtcgacag ccccaaatca tggaacaagt tcgagaagca aacccttaca cccaagacct 60
ggggagaccg cgatattgac gtcgagatcg aatgctgcgg tgtctgcggg tctgatgttc 120
acaccgtcac tggcggtcgg ggagactttg agggctctct ctgcgttggg cacnaagtcg 180
ttggcaaggc tgcctcagtc ggcgacaagg ttacgagat caagggtggc gaccgtgttg 240
gtgttgggtg tcangtttct tcttgctca agtgcaagct ctgcaataac aagaacgaaa 300
actactgcc tgatatggc gacacttata actgcaata cccgatggta gtgttgctca 360
tggcggtttc gcttctcata tccgtgctca tgagtacttt acctttaaga tctgatgct 420
ctcaagaatg aagaagtcgc tctcttctc tgcgcgggta tcaccactta ctctctctt 480
gtga 484

<210> 531
<211> 484
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 531
cttctgattt ccttcgnggg catgttcgtt ctggagagct tcnactttac acgcactgtg 60
gcgggtatga ttgngtgat ttgatccac cgtttctgat gtcaagttga ttgtttcgac 120

atgtctcact	cgcgnaattc	aagggcgatg	cttctgnaca	ttgccttctg	gagcgganag	180
tggtactcga	tgggatggca	cncantctct	cagcctgctc	gtgagttcct	ttgccagatt	240
actgagctgt	ccatgtttct	tgcgatttct	gttntggggc	actggctgct	cttttttatg	300
gcgcgcgtcat	cttgatcccc	naggttgana	tgcttcactc	cntgatgttg	tnntggctcc	360
gtcccagtcg	acaaattgaa	ctcctatcta	ctcgatgaaa	catctaactt	agacaaaaac	420
tttgatccgt	tatnccancc	getgttttac	cccccggtcg	tgttcattgc	tcncttgctg	480
gact						484

<210> 532

<211> 892

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)....(892)

<223> n = A,T,C or G

<400> 532

gateggntca	gtcnaaacca	agaaattgta	cctcaccag	ccacaaaccc	ncaaagctcg	60
accgccacac	ctttcagaat	tcaggggcta	ttcagtgcaa	tctggctctc	ccgccatcgt	120
aggcttaagt	cattcccttt	atgccccatg	ctccatcgcc	aagcttccaa	agtgtctcct	180
aaagttagag	agtggcttcg	acgcgaataa	cgacgaagat	aatccatcaa	cgcatcccc	240
aattttctac	gttcattttc	cttttgccgg	ttcttccttg	atctacctat	tctcaggtea	300
ttttctctat	tctttatgct	ttcttcttca	aatcgatacc	cctccaatcc	cacccatcat	360
ggcaccacaag	ggaaacaagt	actcggttat	cttgccgaca	tacaacgagc	gcaagaacct	420
ccccatcatt	acctgggttg	ttgaaccgca	ccttcactga	gaagtncgna	acanatcgat	480
agtaataatt	ggatttttga	aaactaacta	gatcaagcaa	cctcgatttg	gaactcatca	540
tgggagacga	cggatccccc	gatggaabcc	aagaagtcgc	ccaagcagct	cgtcaaggte	600
tactcttccc	cacgtccttc	tctaagcccc	gcgctgggta	aacttcggtc	tcggaacgga	660
ctacgttcac	gggtctcaagt	ttgtcactgg	caactttgtc	atcatcatgg	acgcgcagctt	720
ctcccaccac	cccaagttca	tcccgcgat	ggtngctctc	caggagaagg	gcaactacga	780
tatcgtcacc	gggtactcgt	atgctggaga	tggaggcgtt	ttggctggga	tctcaagcga	840
aagtttgtna	gcggtggcgc	cnacttgctc	ggnccactcg	nctgcgggct	gg	892

<210> 533

<211> 657

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)....(657)

<223> n = A,T,C or G

<400> 533

tttttttttt	tttgagggtg	ggtgtttttt	atthgtgcaa	tctcaaaaata	gatgagatgg	60
tactatggta	tgaaggagtc	gtgtggcgct	ataactcgtt	cttcattatg	tcaactccgt	120
ctagatagaa	gctcgcagga	ccttgaaagc	atcctcacgg	gagccggtga	aacgagcctc	180
gjjcgtcttc	cagttgatga	cattcccaat	gttatcaaca	taagcagcct	ttccattgag	240
gtactgcaga	tagtaggcct	gtcccccacat	atcgacaccc	aaaatgggca	cttctctctc	300
ccagacaggg	tctgtgtcct	ttgttgtaac	gacacgcaag	ccttgggggt	ccttgaccag	360
ccacccccag	ccgctgctcg	caaacccagc	agagtctctt	ttgaaagtct	cttggaaagc	420
ctcgatgctg	cccacytctt	ggagatttct	tccaagagtt	cttccacctt	cgcaccaatgn	480
ggagcgtttg	cgcgcgaccc	aaagcctatg	gcttaantna	aggtaaaatta	acattacccg	540
ggttatcggt	tcttacgacg	antggaaatg	ctacatacac	cgtcgaaaag	atccctgaac	600
cggaaacgagg	caggactttt	cactacccga	aagctgcttt	cttggacgaa	tgtctcat	657

<210> 534

<211> 410

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 534

cctatggaca	ctgncacgga	gcacgagatg	gncatccaca	tggtctctcca	gggtgggtctg	60
ggtgntattc	accacaactg	ctcccccgag	gtcangccg	acatgggtccg	canggtcaag	120
cgatacgaga	acggttttnat	taacgacctt	atcgtcnttg	acaaaaacac	cactgttggt	180
gaggccaagg	ctctgaagga	naagtggggg	ttcggcggtt	tcccagtcac	tgaggatggc	240
aagcttggat	ccaaanttgt	tggtattgtt	accaaccgat	accttcagtt	cgaggaggac	300
cttnaccacc	centctataa	tgncatgggt	aaggaccttg	ttantgctcc	tgagaccgnc	360
tnctctctag	aagccaaacaa	gatnctttcc	aagtnccaga	agggcaagct		420

<210> 535

<211> 621

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 535

gcccggcaag	gttaacccca	ctcagtgatg	ggccttgacc	atgggtttgcg	cccaggttat	60
gggtaacct	gttgccacca	ctatcggagg	catgaacggc	cagtttgagc	tcaacgttta	120
caagccnta	gtnattcgca	acctactcca	cagctcccgt	cttctaactg	acggcatgcg	180
ctctttcgag	aanaacctgg	ttgccggcct	caatgctaac	gaggagaana	ttgccagcat	240
catgaaggag	tactcatg	ttgcacctgc	ttgaacccca	agatcnggat	atgacatggc	300
cagcaagggt	gccaagaaac	gttcacaaga	aagggcctta	ccctcaagga	gtagtgcctt	360
cgagcttaac	gcgcttactg	aaggagggaat	tctatactct	tgtaagcct	gaagctgatg	420
gtcgggtcca	gccccataca	gggttagata	ctcgccctgac	cttatgtatg	atcgtggccc	480
atgtttttta	aagaaacaaa	agcgctgcta	gttcccattg	tacctatgaa	aacgatgttg	540
atactggtgt	tcgaaaatcc	aaggggcact	atttaaacga	tacagataaa	aataaaaaaca	600
tcataattca	cgcgtgaaaa	a				621

<210> 536

<211> 797

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 536

cggtcactg	ccatctttga	ctcgtgtcac	tccggtaccg	ccctcgattt	gcctacatc	60
tactcgacac	aaggatatct	caaggagccc	aacctggcca	aggagctggg	caaggcttgc	120
tcagcgctat	ctcctcatat	agccaaggcg	atctcgggtg	tggtgccagc	aacatcttcg	180
gcttcataaa	gaagntgcaa	acggtgacga	ggctcgcqag	cgtaccatga	ggacaaaagc	240
ctctctctgt	gatgttatta	tgtgggtccg	cagtaaagac	nacccaaact	ctgcgcgatg	300
tactatcgcc	tcccaggcta	ctggcgccat	gtcctgggca	tttgtcactg	cgtcgaagaa	360
aagtcctccg	caaaagttac	tccagttgtt	aaacagtatt	cgtgacgaac	ttgcgaacgc	420
ctatactcag	aagcctcagc	tatcatgtta	gtcaccctct	cgacacaaat	cttttgttcg	480
tcattgttaat	gttttatgcc	cactctcqa	attttcatgt	gccgaatcta	cataaaagtc	540

aaccaagccc	gtatcaaaga	ttaggaaaca	atgggagagc	taggttggct	gtgcgagtgt	600
tgtttgacga	caatgggagg	accacacata	gtatgacttg	atgttaacat	gatgggaggt	660
tgtttgcaag	gtttangtgt	tgggttagtc	tttaaggacn	gnctcaagat	actcaaacgt	720
ctttcttttt	acttctcatg	cagtgtgggg	gagaacattt	gaagntcaaa	tcaaaatgct	780
cataatttga	tgcttat					797

<210> 537
 <211> 583
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 537						
gcctcttttc	tacgaccacc	gacatcccn	ccacaagcga	tacctcaagc	gattccacca	60
ttgttttgcg	atatcttggt	atctttttgg	ggatcagtg	tacatatcag	cttcgacatc	120
tcgaattggg	gaatcatagg	tcttacaaaa	tgcttgggct	tcgacttctc	caactacaac	180
cgcaatgcgg	ctctccacgc	tcgaggtgtg	cctctcccca	aggccaccag	caccggaaca	240
actatcgtgg	ggatgcatat	tcgatgggtg	tggtgtgatt	gccgccnata	ctcgaaccac	300
atccgggtcca	tcgtcgccga	caagaatgtg	agaagcttca	ctacatttcc	ccccanatt	360
ggtgcgctgg	tgccggtaca	gccgccnata	ctgagttcac	caccgcccct	atctcctctc	420
agctcgagct	gcactcccta	tcacacaggcc	gcaagccccg	cgctcgtccct	gcatgacctt	480
ctgaacacat	cttttccgct	accaagggtca	cattgggtgct	taccttgctg	tttctggtgt	540
caacctaccg	gcactcacct	gttcactgtc	catgctcacg	gtg		583

<210> 538
 <211> 540
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 538						
atgctatctc	tttctctctc	cacaagggtc	acaccacctaa	ccagccccct	ttcatgctca	60
accgagacca	gatggccaag	accgcccagc	tctctcagtt	cgacgangan	ctgtaccgtg	120
tctctgaagg	ccctacaccc	tcgaggtctg	accgatacct	gatcgccacc	agcgagcagc	180
ccctttccgc	cctccacgcc	gaanantgga	ttcagcctgc	cgagcttccc	atcaagtact	240
gtggttacag	cacttgcttc	cgaaaaggang	ctggtagcca	cngccgtgat	gcttgggggtg	300
tgttccgtgt	tcaccagttc	gagaaaagtcg	ancagttcgt	tctttgtggt	cccgatgaca	360
gctgggaaca	gtttgacaga	tgatggccaa	ctctgaagat	tctacaagtc	tcttggtctc	420
cttaccagtt	gttggcatcn	taactgggcc	ctgaanaacc	tgctgccnaa	aattanattt	480
ggaacatggt	ncccccccaa	aaganttaaa	ggactgtttc	tgctccactg	cccgaactacc	540

<210> 539
 <211> 631
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 539

cgacaagggtc	attcctcttta	caaagctcaa	ggtcttttacc	gagcacaagt	ctgacatccg	60
acgtaaggggt	gttgccagca	ctataaagaa	cgctgctttc	gaggtcaagt	cccacccgtc	120
tttcttgggt	gacgatgcga	ttgatatact	tccctacatc	ctcctcccta	tcatgggtaa	180
cgaggagtac	gatgttgatg	aaactatgga	catgctgcct	gatctccaac	tcctaccacc	240
cgacaagaag	cgagactcag	acaaccagaa	catacagaca	catgtggaga	cgattaccct	300
gttaacgacg	acacgcgagg	gacgtgagct	tatgcgcgct	gtcaagggtt	accctgtcat	360
tcgagagaca	catcagcgag	tcaatgatga	aggcgtccaa	naagcatgcc	aacggttggt	420
gcaggtactg	gcacaagata	aggaangcaa	ggaagaagat	gatgtcaaag	aggcaaacng	480
agtcaaaaagc	tatcgaggat	aagcctgaca	ctggcaatgg	ccaagtggga	aaaagtccaa	540
atgaagatga	tcaactttgt	tgaggggttna	acccattttn	ttaaagaagg	tggatgctat	600
gggggttttt	atgnaacgga	ttttggcaaa	g			631

<210> 540

<211> 369

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 540

gccatctgcc	ttctcatccc	cgtgtttgtg	ctcatcccca	ttgggtgttg	tcaggccatc	60
accaacattc	agctcgggtc	caacgttttg	acagagttta	tcattgggta	catgggtcct	120
ggcccgncca	tggtatgat	gaatgttcaa	gaactacggn	ttcatntgga	tngggcaagc	180
acntttantt	tgcccagaag	cctnaagctc	ggtcattaca	tgaaggggcc	tcctcgggtt	240
atgtttnttt	cgcagctcgt	cgcgtntatt	tggtcggcta	ttgnacagat	ttgtgtgatg	300
aactgggctc	ttggtcatat	ccccgacgtt	tgtgccattg	accaacccaa	caactacacc	360
tgcccagga						369

<210> 541

<211> 251

<212> DNA

<213> *Fusarium venenatum*

<400> 541

caaggagttc	cccaactggt	ggaagccttt	cggcaacggt	aagagagctt	gtatcggaag	60
accttttcgc	tggcaagaaa	gtctcctcgc	aatggccctc	ttgttccaaa	acttcaactt	120
tacacagacc	gatactaact	acgaattgca	aattaagcaa	aacctcacca	tcaagcctga	180
caactttctc	ttcaactgta	ctctgcgaca	tggcatgacc	cccacggcct	tgaggggtcaa	240
ctggctggaa	a					251

<210> 542

<211> 545

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(545)

<223> n = A,T,C or G

<400> 542

gttaaacggtc	gcatgggaga	ttctgcgctt	taccatqtcq	ttcgacaaca	agtaacgacaa	60
ctttctctag	gccttcaggy	aggccactaa	cgctgggtatt	gcagaggccg	gtatttgagc	120
ccgcgtttggc	gagattggag	gtgttatcca	ggagaccatg	gagagtttcc	aggttgagat	180
cgacgggaacc	acctaccacc	tcaagagtat	ccgcaacctc	acgggtccaa	acattctgcc	240
ctacagcatc	cacgggnacc	aaggccgtac	ccattgtaaa	gagttaacga	ccagaccaag	300
atggaagagg	gcgacgtctt	cgcattttgag	aaanttttqc	agtaccggaa	cggatacgtc	360

cgggacgata	tggagacgtc	gcactacgcg	aaacgaggag	actctcgcac	gttgatctgn	420
gcttgagctt	tgccaagtcg	gttttnaacg	ggattaanaa	gaantttgga	ccctgctttt	480
ntggcganac	ctggaccgat	tggtaggana	agncctgttg	gaatnanaaa	ctggtnaang	540
ctggg						545

<210> 543
 <211> 560
 <212> DNA
 <213> *Fusarium venenatum*

<400> 543						
cttgccagtt	gcggaattgt	ctgcacctgt	actgtacata	aacaacatcc	tactcgcccc	60
cctgctccta	cgatagcacc	tctctctctg	tggtctcttg	ttttatcacc	atctcttgat	120
ttcccaagta	accatcgcca	tcaacatcac	acaatggagt	acaatatgga	agacagccag	180
aaaccttgctc	cccaggtgc	caagctcaac	tctgggtcca	agggtcctga	ttctcagagc	240
atcaccaga	gactccagac	cgagttgatg	cgctccatga	cctcgccccc	ccctgggtgt	300
tctgcctttc	cctctgcaga	cggaacacctc	ctatccatgga	ctgccactat	cgagggccct	360
gaagacaccc	cttactctgg	tctgaccttc	aagctcagct	tcgctttccc	ctccaactat	420
ccttatgcgg	cacccacggt	gctcttcaag	acacccatct	accaccctaa	tgtcgacttc	480
tccggccgta	tctgcttgga	catcttcaag	gacaagtgga	ctgccgctta	caacatccag	540
actggttctc	ctcagttctg					560

<210> 544
 <211> 549
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = A,T,C or G

<400> 544						
catcatcgaa	tcactctact	ttgacggtgc	tgatgagttg	cccaatggta	tctctgctac	60
cgtcaagcgt	ggcgatactc	aactcgntat	tnggcgatcc	anggggtgtt	actacgctac	120
tcaacaaatg	tgccctcaca	agcgtgcatt	cattctatct	gacggtctca	tcggccagga	180
gctnataag	gcggancaaa	acggcgacaa	ggctgctact	tcacctggg	tctcatgtcc	240
tcaccacaag	cgcaatttcg	atctcggaaa	cggtgcttgc	aaaacggatg	agtcctatgc	300
aatcgccacg	ttccccaccg	agtctcgttc	cgacggtatg	ctgtatctca	agcttcccc	360
tggtgaacag	ctcnacagcg	ccttgggcac	taanaagtgg	atgattaaaa	aggggtgagc	420
tggtgaagca	cngntggcca	agctcgatag	caagancaag	tttgggggta	ttcgggggaa	480
naaccatag	tcaagcctac	tggtcanccc	aagatgacta	ccaancccca	tggtatctcat	540
gatggcttt						549

<210> 545
 <211> 587
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 545						
atcataacctc	acaccccgac	ctccacttta	caaaacatca	ccacgagcct	cttttttaactc	60
ccattggccc	tgctgccaac	ctttgaatct	aacgctcttg	atcgcccata	tatataaacac	120
ttcataaatt	aagctcacct	ctgcaacgtt	gccactatgg	cgtcgatcca	ggacaacctc	180
agctcgate	ggacgcccag	ctcgcaattc	caccgaccaa	ttctacaatc	catgcccagc	240
acgcgcccagc	agagctttga	cgaaatctac	ggacctcctg	agaacttctt	agagattgag	300

gtccgcaacc	caagaacgca	cggcattgggc	cgccacatgt	atacagatta	tgaaattctc	360
tgccgcacaa	acataccggc	gttcaagctt	gcgccaganc	agcgtccgtc	gtcgttactc	420
tgacttttag	tacttccgcg	acatcctcga	gcgcgaaagc	gcccgaataa	ccattccacc	480
cctgcctggc	aaggtcttca	ccaaccgctt	tagcgacgan	gtcactnaag	gtcgtcccg	540
tggccttgaa	aattcctcaa	gategttgtt	ggteatcccc	tgttgca		587

<210> 546
 <211> 841
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(841)
 <223> n = A,T,C or G

<400> 546						
cgatctgact	gtatatgtca	caaattaccc	ccctgctgcg	gatcaaaact	atatccgtga	60
tctcttcagg	gattgcggtg	agatcctcag	catacgtctg	ccgagtctga	aggtcaacgc	120
ccaccgacgg	ttctgttaag	tttcgttccg	agaccaagaa	acatcagcaa	agctgtggac	180
tgggtggtag	gtctcttgaa	aagagcttca	aactcgttgc	caagtattcc	gaccaggac	240
acaaaaaagc	tccagagggc	gtctcttcgg	aagggtcgag	aaattcacat	tagcaatctn	300
ggatcgatcg	caagcgaga	cagagctgaa	agatgttttt	tccaagtatg	gcaatatcac	360
acnggggtcaa	catccctaca	actctgggct	ggaaaaaaca	aggggtttgc	cttcattgac	420
tttgcaacta	cagaagangc	tgcgaaagct	gtgacggaaa	tgaacaatac	caaagtttag	480
aagccaaatt	ctcgcagtcg	ctctctctaa	agaagtccag	gatcaagcca	gcagccaaga	540
ctattggtag	tgataatgac	agaggttcac	cagcaccttc	gtctcatgaa	tgctgatggc	600
gaccaagcta	tgcaagggtg	tgaggttcag	gcbaaaccaa	ctgcagcgga	aatntcagca	660
aaaaccatcg	ctctgatggg	tctttctgat	actgnnaaac	aagcgcgaat	ccggctcgctc	720
gtcgaacctt	tcnggcgata	gtnaaatgac	ggnaaacccc	ggnatggcgg	accnaaaatc	780
gaatttgncg	acccaacctg	ggaggccaagg	caagtntaca	actaatagcn	tggagttnga	840
g						841

<210> 547
 <211> 586
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(536)
 <223> n = A,T,C or G

<400> 547						
atcgggtgtct	tgttgacatc	gcaagctcta	tccgggctat	catgggggtgt	catcgaaatt	50
ttagctgcca	catatgcagc	tgaagtctgt	ccaaatgctc	tgcgtccttt	tgttctaagc	120
agcatcaata	tgtgctgggt	tgtaggacag	gtgacggcca	caggcattct	tcgttcgctt	180
gttcgatgaaa	cttcacaatg	gtcttatcgc	cttccctttg	cacttcaatg	ggcgtggggc	240
atacggttgt	tattcggggt	gtggttcgca	cccgacagcc	catgggtggct	tattcgtcat	300
gaaagaaacg	aagacgcaaa	gagggctctc	atacgacttc	gcaataagaa	ccataccgac	360
atcgaagaca	ccatctcact	gatgaaacac	accaacaaga	tggaaaagca	ctgtaactat	420
gtaggagcca	gctataagga	tctcttccaa	ggagtcacac	gacgcaggac	cganattgca	480
tgtctcgcat	ggnctctctc	ggccctcagn	gggtggnccg	ttacatcgna	encaccatat	540
ttnttcaaac	angntggctt	nagcgcattc	atttttttta	accttt		586

<210> 548
 <211> 576
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 548
 ctggacctct gcaaggccat tatggagctc cccctcctca gcagcagccg tacggccacc 60
 actctcctgc gccgccaggt cctccaccgg gacagtacgg cgcgcctcct cctcagcagt 120
 atggcgcacc accagttcag cctactcctc cctcgatggg ctacggacca cctcagatca 180
 ttcaatggaa cggcgaaacc tgacgctgac ggccctgcgaa aggccatgaa gggttttgga 240
 actgatgaga agcattgatc gccattcttg caaacaagga tcctctgcag attgacacaa 300
 ttcgacaagc atacgagcgc aagcacccgc gcagcctaatt tgccgatatt cagantgaga 360
 ctagtctcgt gtttgagaaa gctttggtct cactagcccg tggcccgcct ctgtctgacg 420
 ttcacgctct acacgatgcc atgtctggcc ctggaacaaa ggaaattggt ctnaacgact 480
 tctactcggg cggtc aaatg cggatctcaa ggccattaan aacgcgtact accacacttt 540
 ccatgacaag ctgcaggata tattcaaggg cgattg 576

<210> 549
 <211> 712
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 549
 catgccccac agctggetcc cccccacgaa acagcgctcc aacggagcaa tcctttctcg 60
 tgacgctatg aacatgcgcc acccgcttac gggcggtggt atgactggtg cattcaacga 120
 cgttgctcat ctgtcagagc tgetgcaccc tgataaggct gctgatcttg gcgatcccaa 180
 gctgatcaac aatgctctcg atgagcttta ctggaagcgc aagcctttga ctggcattat 240
 caacgctctg gccaggtctc tctactctct gtctcgtgcc aatgaccgcc aactacgtgc 300
 tctccagtac ggatgcttca cttacttcaa gcgcggtgac actgacggcc ccgtcgtctc 360
 ccttgccggt attctccagc gtcttttcat ccttgccctat cacttcttct ctgggtgcctt 420
 ccttgctatc tggctcaaag catgctccgt cgttggtcgt ggaatctttg gcattttcaa 480
 gtccctctct gctattatcg acgcgctcct cattctcttg gaaggcatgc attggcttca 540
 ttcccaatat ggggcgcgag tccttccagt agaaaaatga agtattagaa gggaaagaaa 600
 acgagcatgg tgatttttat ataccgaaag ctgnggcgtt acngactttg cttgggactt 660
 taacnaaggt ttaaaagatc catgtctttg gctnttaaga ttnaagagaa gg 712

<210> 550
 <211> 636
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 550
 gaaatatctc aggataagaa tgaaaaagtt gagccggagg atgatgatga tgaacacgat 60
 gaagagttga agagagtact gtctaccatc accggcgccct ctogaattaa gcgaaatggt 120
 caaacggaga caaagaaaat tcaagcaaaq cctgtatctc caacccaaaaa ctctattcaa 180
 gctcctacccg acccaaacac cactttctcc gccctcaatg taacagccatg gctgggttcaa 240
 tcgctaggaa atatggctat caagcgaccg acgggcattc agaagggctg tattcccgan 300
 atcttgaaag ggagagattg cattgggtggc agtanaacag gttcaggtaa aacggttgct 360
 ttgcggtgct ctattctgca gaagtggctc gaagatccta ctgccatctt tgctgtcgtc 420
 ttgacgccaa cccganaact ggcacttcag attttcgagc agttcaagge tatctctctc 480

cctcaaagtc	tcaaggctat	cttgggtgact	ggagggtcan	acatgcgaac	acaggcaatt	540
gaaattggaa	ggcgaccncc	cctttttaat	cccaacttca	gggnggttgg	naaaacacat	600
ttccactttc	ngagaagaca	caatctgggg	attgag			636

<210> 551
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 551						
tatcacgata	ctcaaaccda	catcgatctg	ccgcgtggtt	ggaagtacgg	acnactccgt	60
ctcttcggga	agaactcttc	ctgggtatgt	tgcgcgggta	tccagctcgg	aatggctcgt	120
ttcgtctgtt	tcatgtgtcc	cggcattgtc	aacgctctcg	gtggctcttg	tggaggtggc	180
aaaactgacc	caaccttggc	tgacaacatg	aacaccgcgc	tctacggcac	tttcgctgtg	240
gttggtatct	ttgggtggac	ttttgtcaac	aagctcggta	tcaaagcttg	tctgancttc	300
ggtggcgta	gctatgggtt	gtacgccatc	agtcttcttg	tttctgttca	caagcatggt	360
cctggcttca	acatttttgc	tgggtgttgg	cttgggtctat	gcgctgctct	gctctggacc	420
gcacagggta	ccatcatgat	ctcatatcct	catgaaaaca	aaaagggaaa	gtactcgctt	480
ggttctgggg	tatttcaaca	tgggtgctgt	tattggcagt	tgaatcccta	ggtgaaaaca	540
tcaacatcaa	ggaaaacaan	acgtcacgan	ngaactaca			579

<210> 552
 <211> 1074
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1074)
 <223> n = A,T,C or G

<400> 552						
tttccacctg	atctagttgt	tgattgaatc	gccattctca	cccggttttc	tcgtaacaat	60
atctggttcg	gattgttcgt	tgtgtctctt	tctctcaagc	gttgccccgg	ctgacatcct	120
cacacccccc	ggtaatatcc	accggtgtgg	gccacacctt	cctcactttc	ttcccggctc	180
cagaagcttt	ctctcttccc	ttttcctttt	cccactaccg	ccctgtctcg	tgttgagctc	240
cgtatctctt	ttcttttaac	ctcccatcag	cctctccctc	tttcaaccat	caaccatctc	300
ccctcacaac	tcaatcacaa	tggcctcttc	tctgtgtctc	gcctctcgcc	tggcctccca	360
gatggccgct	aaggccgctc	gccctgctgt	ccgcgcgcgc	gtcgtctgtg	ccagcaagcg	420
aaccatctct	ggcgccagcc	ccctccaggg	catgaagcgt	cagactcttc	tccaggccac	480
cacccgcaac	gccttccagg	tccagcgccg	tgcctactcc	tccgagatcg	cccaggccat	540
ggttgagggt	tccaagaact	tgggtatggg	tgcgcgcgcc	atcggtctta	ccggtgctgg	600
tatcgggtat	ggtcttgtct	tgcgcgctct	tatcaacggg	gttgcccgcg	accttgccct	660
ccgtgggtcag	ctcttctctt	acgccattct	gggttttgcg	ttcgtcgagg	ccatcggtct	720
tttccgatct	atgggttgcc	catggccaa	ttcacttaag	ttactaccca	acccaatggg	780
tcagactcgt	ccgaatgata	gagtcacaag	caaggaggag	gntgcccagc	gttgtgcatt	840
atccgctgtc	ttgaaaaatt	cgacatgggt	gcacttgatg	ccggcttgca	cgatagaggg	900
gagggttgtct	tgtaatatag	gggatagaga	actgggatgg	acattgatca	tggacacttg	960
ctatgattag	agttggggaa	attctgcata	attcctccca	gggatcgact	ttgtaaaata	1020
aaaagcctca	ttcatctcgc	ttctttccat	gcattaagga	tatttctttt	tttc	1074

<210> 553
 <211> 439
 <212> DNA
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 553
aatgtgattt ctgcccagtg ctctgaatgt caaagtgaag taattcaacc aagcgcgggt      60
aaacggcggg agtaactatg actctcttaa ggtagccaaa tgcctcgtca tctaattagt      120
gacgcgcatg aatggattaa cgagattccc actgtcccta tctactatct agcgaaacca      180
cagccaaggg aacgggcttg gcanaatcag cggggaaaaga agacctgtt gagcttgact      240
ctagtttgac attgtgaaaa gacataggag gtgtanaata ggtgggagct tcggcgccgg      300
tgaaatacca ctactcctat tgttttttta cttattcaat gaagcggggc tggatttacg      360
tccaacttct ggtttttaag tccttcgcgg gccgaccggg gttgaanaca ttgtcagcag      420
gggcgctggg ggcggcaca

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<210> 554
<211> 871
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(871)
<223> n = A,T,C or G

<400> 554
ccccatcac gaactatccc acaatggcgt cacgcttgge acgaagcgcc gtcggcgctc      60
ccctcctcgg acccgctctc gcccgccgag ctgcacctgc cttctcgtt gccgctgcgc      120
gatacaacag caatgttccc gccgaggacc ccaagaagaa ggctcagagc atcatcgacg      180
ctcttcccg taacagcctt ctacagcaaga gcgcctcctt cagctccgcc gccgctctct      240
ccatctacgg catctccagc gactactacg tcatgaacga ggagaccatc atcgccatct      300
cccttctttt cgtctggact gctctgatca agtacggtgg ccctgcctac aaggagtggg      360
ctgaggcgca gaacaacaag atcaagaaca tccttaacag cgcctcgccc gaccacaccg      420
aggtgtgcaa gggccgtatt gaggacgtca agcagatggg tagcgttggt gagatcacca      480
agaactgttc gaggtttcca aggagactgc caagcttgag tctgaggctt tcgaagctcg      540
agcaaaagac tgcctctggc gctgaggcca aggcgctcct tgaagtcctg gggctccgata      600
cgaggggcag gttaaagcag gccagcagaa ggagcttgct cagtcattta tcgctaagggt      660
ccagaaggag ctcgagaacc ccaaggtcct tcagcagatc ctccacagag tgttgctgac      720
gtttgaaaan atcgttgccc tccaagccca atanataatt acatgcccggt tagagtctcg      780
atcacgggat tccacgggtt ttnttttgta ccccttggtg tcttaacaac acctgtgcac      840
tancogaate aatcaanaac cttntttctt t

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<210> 555
<211> 587
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 555
gccttctctaa agtccattgc ctctctcaat ggghacttat ctccgctcac tqcccaaccc      60
tttatcctct cttctcagtc tcttacgaa tttctctgac taactgggta cgcacctcc      120
cgctctaacc gctcctgctg ccaagtctga tcccgccaag cgtgctatgc tctgctcaa      180
gtgggttcttc tccactctca aacaccaata cggcagccga aagtgagcag tttgaaaatg      240
aaaagaagcc tctgaaaacc tttctctngg caaacttttc ctccgcaact ggtcogaata      300
aagctgggga gacacacctt gtctcagagc aggtcagcca ccatcctcct qccacggcat      360

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actgcattcg	caacaacaaa	actggtggtg	aactcgaagg	gttataacgc	ccagaaagcc	420
accttccaaa	agcaccatca	tcgttaagca	aattggccat	gccgtcctac	gaatccctct	480
tgccctnggg	tgagatcaaa	tcctaactga	tcacccttcc	tgggcctgca	cattgaaggg	540
tctgattttc	ggtgctccct	ttgttgaact	tgatggctcg	aatcaca		587

<210> 556
 <211> 572
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

<400> 556						
tgtaacgggac	ngaacggtatt	cattttcttaa	cctatcctga	ttccttctct	ttaccctggg	60
ccgttttaagc	ctggtaagta	gaggcgnaga	cgttacctcc	acgaccagtc	cagttgaagg	120
aatttgctcc	caagttcgac	agcgcgcgtg	aggcggcacg	caacatcacc	ctcaagacct	180
tcgccgagga	cgcgagtgc	agcgtgcaag	ccaccatgta	caagatgtca	ggccaaatcc	240
tcgaatctgt	gcccagagtc	gcgacggtca	cttatttact	acctaacaag	cattactttg	300
agattgacct	tagctggcat	aagggaatca	agaacacagg	gaaggacgcc	gaagtctatg	360
ctcctcagtc	cagccctaac	ggccttatca	agtgcgaagt	ctctcgagac	aatctgcaat	420
cgaagcttta	ggttggaacg	aaaaagattg	tgtgtttctt	aacgatagag	gtcaagatgc	480
gaaacatgat	gcacccatga	agaggattga	taccaagcga	ctggcttaga	ttctataata	540
gatatgagat	aatcaattgc	gtnttttttga	cc			572

<210> 557
 <211> 762
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 557						
cctgaagcgc	atcataagga	cgtgcgaggt	cgaacatcca	agacaaaagt	gatcgccatg	60
cccgcgcgag	atccccctct	ggaccaacac	tgcttccgaa	cactgtttca	ccgaccttac	120
ttccacgtcc	agatggtttc	cgacgtcgct	ggtgtatctc	tgagcgggtg	gttgaagaac	180
ggtgttgctc	tggcagctgg	tttcgtcgat	ggtcgaggtt	ggggtgacaa	cgccaaggca	240
gacattatgc	gagtcggact	catggagatg	gtcaagtttg	gcaaggagtt	tttcgggagag	300
actgtgcaca	ctgctacctt	tacagagtca	tcttctgggtg	tcgccgatct	tgatcacatt	360
tttgctcttg	gaggccgtaa	ctttcgatgt	gccaaagatg	ctgtccagaa	gggcatcagc	420
gtccaagaag	tcgagaaaca	ggagctgaac	ggtcaaaaaga	tccagggtac	cactcctgct	480
gaagaggtga	acagtttctt	caaggctcga	ggtcttgagt	cggagtttct	ttgttacagc	540
cgtaaacgcc	atttttaacg	gcgaggtcga	ggtggatgat	attcctactc	ttattcagga	600
ttcttgatta	cactttacta	gccggnatag	aattggatca	tgggactgga	gtggcggttn	660
tnaattgggt	ntacaggcca	acacattgga	ngatgacaac	cgqntgtggt	aaqgntgtgt	720
tgggagatna	aaaagggncc	cttccaaatt	aaaagggaatn	ta		762

<210> 558
 <211> 797
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(797)

<223> n = A,T,C or G

<400> 558

aatatcttag	tctcatacca	agacatatca	catacactta	taccacatcc	tcccacttat	60
acacatacat	tttcatatt	catcatggcc	aagacagctg	ttcactttgg	cgccggcaat	120
atcgggccgtg	gctttgtcgc	ctgcttccctc	cacaactctg	gttacgacgt	catcttcgcc	180
gatgtcaacg	acaccatcgt	caacctcctc	aacgaaactc	cctcctacaa	ggtcacgcag	240
gtcggatctg	aaggaaccac	agagaacaca	atcacaaaact	acaaggccat	caactcccg	300
acacacgagc	aggatcttat	cgaggccatc	cgcacagctg	acattgcact	tgctccgtcg	360
gcccacatc	ctcaagttca	tcgtcccgcc	atcgccaang	gtatcgacgc	ccgcttaaca	420
gacagcgctc	ctntacatgt	catcgctgcg	agaacgcctc	ggggctcaga	tactctgntg	480
agcacatnaa	ggacctnngc	aacactgacc	ctntcgtntt	gaggccacca	ctggagagct	540
cgctttgcc	actntgntat	tgacaggaat	cgttccgcc	ggacccaacg	ctggacttga	600
tgtacactgg	ganaagtttt	tcgagngggg	gtganccggg	ttcctttcaa	gangctgggn	660
tcctganatc	canggnatta	atnggggtggc	aaccttggtc	cnttattgag	gccaagtttt	720
taacdnnaaa	aattggggac	ccntttggcg	gttaccggcg	gttnaaccgg	nanaagnggt	780
ccggtttcaa	gaccttt					797

<210> 559

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 559

cgccataatg	acttttgacg	ccgagaagat	cgccgctgcc	gacttnaaga	gccttggtcc	60
cctcggttgc	gagctcgaca	agcaccttac	cctccgaact	tacctcaacg	gctacactct	120
gggagaggaa	gatgggaaga	tctggactgc	tcttcnaacc	aacaaggctg	ccattggcct	180
tggttcgaang	gggtgcctaca	ccaatatcac	tcgatgggtc	aacctgatcg	agcaggcaca	240
ccctgagttc	aacgagaagc	tcaatgctgg	aaagganaag	aagtctggag	gcgccaatta	300
caacattggg	ctctccaaca	ccgagaatgg	tggtgtcacc	cgattccctc	ctgagcctag	360
tggttacctt	cacattgggc	acgccaaggc	cgctctcctt	aacgattact	tcgcaaagac	420
ctcccccgac	ggaaaaggaa	agctnatcgt	ttcnattcga	cgacacaaac	cccggccaang	480
anaaacanga	gttcgaggat	gctntcctna	aagatctcga	gctgntggac	atcaagtacc	540
acaagggcnc	ccactccagt	gactnctttc	anganaatta	cgatctcccg	anaanattat	600
ccaagacggg	aacccccctc	cccg				625

<210> 560

<211> 443

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(443)

<223> n = A,T,C or G

<400> 560

agccttgctt	gctatgacca	gcctcaagag	cctgggtcaag	aagccaagag	ttgctattct	60
ccgagaggaa	gggtgcaacg	gccacggcga	aatggcattt	gccttcggag	ctgctggctt	120
ggatgctggt	gatgtccata	tgtccgacat	ccttgggggc	ctctccttgg	aqngattccg	180
aggtcttggt	gcctgggggtg	gcttctccta	cggtgatggt	ccttggggcg	gttatgggtg	240
ggcagagttc	atcctgatgc	atgatgggtg	tcgtaaggcg	tttgangcct	tcttcaaccg	300
tcctgacact	ttctcattcg	gtgtctgcaa	cggttggcag	atgctgactc	nacttaaaga	360
attgaatcct	ggaactgaac	actgggcaac	attcggttgaa	aacgcncnc	ccaattcgag	420
ggtnaaactc	aatggttacc	atc				443

<210> 561
 <211> 601
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 561
 cagcctgaga ctggctacta tgaacaatcc acaacggata tctggcaatg catctgcgag 60
 tgcgtccgto gcgttgctag cgagtcacac gtcaacccct ccagcatcaa aggcattggc 120
 ttenatgcca catgctctct tgcggtcttc actcaenaca ccgacgagcc actccctgtc 180
 actcaaccta acttcaaaaa tgatggcaac gacccgaacg tcatctgtgt gctcgaccac 240
 ccacccggtcg aagagaccca agaatllaac antacagacc acaagctcct caagtacggt 300
 ggtggaaga tgagcatoga gatggagatg cccaangtcc tctggctcaa gaaccatatt 360
 cctccagaag tgtttgagcg tgccaagtcc tacgatcttg canacgctcc taccacttgg 420
 ctactggcaa cgagacccaa ctactgcagt gttgtttgaa ncaagntatg ttctgttgg 480
 cgtgatggaa ctcaagggtg gnanaagact tttacaagaa attggctcgg gacttacaag 540
 gatgactnaa caatggtggg tcacgggtta cggaccattn attctggcaa ccgtgggaac 600
 t 601

<210> 562
 <211> 383
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 562
 cgcgcctctc aatccggcct actttgcgct ttcactctcc ccaccccggt tcacctgogt 60
 gttcgcaaca acgtagtcac ttgttccgag gtcaacttcc ttgccatcca caanaagctt 120
 cgaggcaagc gtctcacgcc agtgcttata aaggaaatca cagcagcgag taaccttgac 180
 ggtatctggc aaggctctta cactgctggt gtctctcttc ccaagcctgt cagcacctgc 240
 agatacttcc atcgtgccat taactggcaa aagctctacg aatgcggttt cagccctctt 300
 cccgctaaca gcaagcctca ataccaagtc cgcaagtatg cgctgccgac nacacaagca 360
 tnaagggtct ggcacgccta caa 383

<210> 563
 <211> 459
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 563
 ccagcgaaaa ggcacctctt ggcgctgcta aattcgctga gctcattcac aaagccggtt 60
 tccctccctgg agtctcaaat gttgtgtctg gcatggtan cccctctgga gcgcaccttg 120
 cgtcgacat ggaagtaagg gctatcagct tcaactggatc tggctctact ggccgcgcaa 180
 tccaagaagc agctgccaa gccaacctga agaaggtcat cctcgagctc ggcggttaaat 240
 cgtccgtnat tatcttcgac gatgcanacc ttgagcaggg tgctaaggat accatgcaca 300
 gtatccagtg gaacagtggg caggctctgca tggctaattc tctgttttac gtgcaagatt 360

ctatcgccga taacttcgtc caagcttgca anaaaacatt tgtctgccgn aaagccggtt	420
atccacagag aanggcatta ttatggncct cagccgaca	459

<210> 564
 <211> 567
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 564							
catctctcca acggttcaca cacaagccag caaacatggc ggttggaag aacaagagac	60						
tttccaaggc caagaagggc ctcaagaaaag aagaagggtc accctctctc ccgaaaggac	120						
tggtactcga tcaaggcccc taaccttttc aacgttcgag agtgagttag gaccacgaat	180						
ccgatttaaa atcgtcaact tttttgtggg atatggcgat taaccaattt acagtgtcgg	240						
caagaccctt gtgaaccgaa ccactggtct caagaacgac aacgacgctc ttaagggccg	300						
tatcctcgaa gtctctctgg ccgatctcca gaaggatgag gaccactcct tccgcaaggt	360						
ccgcctccgt gtcgacgaag tccaggcaag aactgcttga ctgctttcca cggctctgac	420						
ttcaacctccg acaagctccg atctctcgtc cgcaagtggc aaactctgat tgaagccaac	480						
gtcctgtcaa gactaccgac gactacctca tccgcctctt ccgccattgg tttaccaan	540						
cgacgaggaa accaggtcna gaaaaa	567						

<210> 565
 <211> 1860
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1860)
 <223> n = A,T,C or G

<400> 565							
cggctctaag ggcgaggagt actgttggtt cncctgcaca atcaaggggtg gccngaaac	60						
tgggatatg gatgtagtcg agcttgtgca anccgtcgag gcgatgggaa ccgganagat	120						
tctcctcaac tgcattgaca aggacggcac caacagtggg ttcgacttcg agctcatcaa	180						
ccagggtcaag ggagctgtca agatccccgt catcgccctca agtggtgctg gcaacccggc	240						
tcacttttag gatgtattcc aaaagacttc aacagatgac gntttgggtg ctggaatggt	300						
tcaccggcgg gagtacacag tcaagcaagt gaaggattac ctacaacaaa aggggtctcaa	360						
agttagacag ttngaagcag gaattttagg gctttttgaa ataaaacaaa gaataaggtt	420						
agacaaatto ttgaattcgg taaatatcgt tttggtataa ttttaactaa aaggcatgta	480						
ctggataaag agtcataacc ataagagctt cggtnaaca cagagacacc aatacgctcc	540						
aacacctgag aaatccttta acnggaagat gcgccaaaat ggggtgtgtg aacttgcgac	600						
tcaacgcccc tgcataacaga cttttcgagc atagctgagc aagtcgccga gcgagcttcc	660						
aggttaaatt ttggaaaaca ccaacgaaaag taaaatgaca tgagacaaaag aacacaacca	720						
ctcccaaaact ccataaaagga agcaactcat tgtctatagc tccatgccc tcaacatcca	780						
ctctcttgct gtaacatcaa gatcatgggc caagtatccc aaggtlaacca tgtcgaagcc	840						
aacccactga aggcctctttg acagagagtg aacgtcatcc ggggggatac gcctgtcaat	900						
gcaggtaaca atgtgggcac agtccaaaag accgtcgggc aattcgataa gggccatgag	960						
agcttttttc aggtntcggc cgaggacgac tccaacgtcg aagaagacaa agagagattt	1020						
ctctctctca tcatcagcaa caaaggcacg gaagctcgca ccgcccggat agtcccaaac	1080						
ctcagagcaa ggggttaatgt cgtaggacga tagcttgta tggaaaacag gcttgaatga	1140						
ttcgggaagc cggtcacatgg acggtggcgt tggtaaaaaa gcaccagaca ggcggaagcc	1200						
attcatggac gaattcctct caccgtggaa cgttcgcttt catggactcg caaaagaate	1260						
tctcacatto ttccttgatc gaaaagtgtg cccctcttgg tggggcccag gcgcggent	1320						
gggattttct gnttcttgtt cttgggcaag agagcagct cgttagacga ggttaatgag	1380						
gcgagggggg gcttgttgga ggggagggtt atcctgagga agggacctca ggaataccac	1440						

tcggccccctg	caacccccggt	agtgcagtag	tggaggccct	tgaggttggc	ggcagagtcg	1500
acgaggtagc	aagaggcaag	gacattgacc	ttctgggcag	tggcctcgcc	gtaattacta	1560
ctgtaattca	aattctgatt	attcattggt	gccattgctg	ttgatgtttc	ctgggtgctg	1620
actaaagtgg	tgatagttgg	gaaagggccg	aggttgttga	tcgacggaga	gaggttgact	1680
ggtaacgttt	gattgaggtg	actcgaaata	aacgggttgg	aaatcctttt	tcaagatttg	1740
tgttgtttat	ttggaggcaa	aagtgtggat	acgtgcggcg	acgttttagt	tcgtgtcttg	1800
gtaaacgtgt	ggagaatgtc	ttcaacttgg	ggtagagtag	aagtcaagat	tgtggcagcg	1860

<210> 566

<211> 378

<212> DNA

<213> *Fusarium venenatum*

<400> 566

gaccgatcca	accccaactg	tcccatcaag	atcgctcagc	gaaccaccac	tctcgccctc	60
cgcttccagg	gtggtatcat	cgctcgtaac	gactcccgag	ttacagccgg	caactggatc	120
gcctcgcaaa	cgcacaagaa	ggtcattgag	atcaacagcg	tcttgcctag	aacctgggct	180
ggcgggtgctg	cgcactgcca	gtactggctc	gcctggctcg	gcctgcagtg	ccgcctccac	240
gagctccgac	acaagcgccg	catcagcggt	gcgcgcgag	caagatcctc	gcaacctcgt	300
ctacagctca	agggtatggg	cctcacatgg	gcacctatgt	cgccggagtt	ccaagggaga	360
aggtccgect	ttactatg					378

<210> 567

<211> 512

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(512)

<223> n = A,T,C or G

<400> 567

catccatatt	gtctcctacc	gtctcctatga	aatactctta	gtgtcccttc	ttactaacac	60
actcaggtga	accgcttggc	cgcctcacct	ttgaactctt	caacgatgtc	gtccccaaaa	120
cagcagagaa	cttcggccag	ttttgcaactg	gcgagagtaa	gaaccccgta	ggtcgtcctc	180
agggtacaaa	gggtcccaag	ttccaccgca	taattcccaa	ctttatgtgt	caaggtgggtg	240
actttctcaa	cgggtgacggc	actggatcga	catgcctctg	gggcttcaag	tctttcgagg	300
atgagaactt	tacgctaaag	catgatcagc	ctggctgtct	tcattggnaa	tgctggacc	360
aacaccaacg	gatctcaatt	cttnatcacc	actgtcccac	acctttctng	atacaagcac	420
gctgctttgg	caaggncctt	gaaggattgg	tttggcaana	agatggagnt	tccaanatgg	480
gtacgcgcga	ngattgcccc	acctgactgg	gc			512

<210> 568

<211> 1104

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1104)

<223> n = A,T,C or G

<400> 568

gcagatggag	gctggcgatg	agctctctca	ggatataaag	gagtcctctg	gtcttggagg	60
tggaacggat	atctctgac	ctaacgatcc	cagagtctgc	atcattctct	ccttgaccat	120
ggactccccc	ggcgcctctc	cgcacacat	cgatctctct	acccctggaa	gcgagaccac	180
cctcaaggac	aagcccttca	acatcaagga	aggtgcacaag	ttcaccatga	gcgccaagtt	240
caaggttcag	cacgagattc	tcagcggcct	ccactacgtt	caggttggtta	agcgaaaagg	300
tatccgcgtc	tccaaggact	ctgagatgat	tggcagctac	gcccccaqca	ccgacaagca	360

gcccacttac	atcaagaagt	tccaggagga	ggaggctccc	agcggcatgc	tcgctcgtgg	420
ccactacaac	gccatctcta	gcttcgtgga	cgacgataag	aagaagcatc	ttgagtttga	480
gtggagtttc	gatatcgcca	aggactggta	gacagcggcg	ccttggttagc	acggaccgac	540
gacataactc	aaaattacat	atcacaagtc	atgagataat	gagataacctg	gacatttggg	600
gagggacatt	cacccccaaa	aatttcacat	aaactcaaat	caaaagaaaa	cctcactcgg	660
ttggagaaaag	gtcttgctct	gtttcctgtc	acctgcttgt	cgatgacagg	ccggtcggta	720
cctgtggcta	aatctagagc	ttcgatactg	caggagaata	aaaatgccta	tatacatcaa	780
aaaaaaaaagt	cctctgggtc	tttctccaag	aaggctcggag	aagacattgc	caagctactg	840
gtgactggga	aangettgcg	cgtaettgtc	aactcaccat	ccagaaaccg	tcaggctgnt	900
ggttccgcgt	tccactgntt	ttttccttat	natnaaggcc	ttaaggaacc	ccccagggcc	960
cgaaanaagg	gaanaacttn	aagcncaaca	agtttgctcc	cttacnanat	cattganatc	1020
cccnaccat	gcnancaagn	tttttgccaa	ggcctttttg	gtnccggang	ggnaatttng	1080
gaccccttcg	ggttggttgc	cngg				1104

<210> 569

<211> 617

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 569

cacgtttcat	caagttaatc	ttagtctctc	gggcgagcca	acgcaaggaa	ccctgaatta	60
ccatcttaat	ctttcctaaa	cacaaacctc	ggtttttaatc	tccaatatgt	ctgaaagcgc	120
tgcctggccc	cttgccgata	agaagctcga	gcaggagctt	ctcgatcttg	ttcagtcttc	180
tcagcatgcc	cgccagctga	agaagggtgc	caacgaggcc	accaagacc	tgaaccgtgg	240
tgtttctgag	cttgctcatcc	tcgctgcgca	cactcagcct	cttgccattc	tcctccacct	300
ccctcttctg	tgcgaggaca	agaacgttcc	ctacgtttac	gtcagcagca	agatgcacct	360
cgcccggtgc	tgtggtgtca	gccgtgctgt	cattgctgct	agcatcacca	gcaacgaccc	420
agcgaagctt	gccggccaga	tcgcgagccat	gcgcgaaaag	gtcgaccgtc	tcgccatcta	480
aaataccaac	gaaccgagga	ggaaaacaaa	agatggaaac	ctttttctgc	tgtgggcagc	540
cggcttcaaa	agtctgtttg	ttgctgctga	natctgcgcg	cgaactttga	taatcggcc	600
atatttgggg	aaattgg					617

<210> 570

<211> 718

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 570

ctttcttcatt	caacatagta	ctgagccata	cactctacat	ctataatgaa	gttctctc	60
gtttctctc	tgggggtttg	tctgcttcc	gttctggtct	gtttctattga	aatcgccgag	120
gtcgacaacg	ttgtttcttca	gctagacgan	ctttttctctg	tonaaaccgc	tcctggcaag	180
acacaatgga	ttactgagga	agagaagtgg	gagatgcgtc	gtaacggcca	gaacttcatg	240
gacatcacccg	agacgaactac	gcttggtctcc	aagggtctca	acgcgaaaag	cactgtcacg	300
tttcccaaga	agtgcgtaaa	gcaagacgag	gtcgcaaaag	ctctogaagaa	gtctgaaaaag	360
aanaacatgg	aggccaaacct	cgagaagtgg	accanntttc	acacccgatn	cttcaagtcc	420
gattacgggc	tcacgtcttcc	tgaactgggtt	cttgaaaagg	tcacacagat	ctctcaagac	480
ggtgggtgccc	gaggataccg	tgtttgcgga	gagttttctc	cacacatgga	agcaacactc	540
ggttatcgcg	actattctctg	gncaatccaa	cagcaccatt	gtaattggcg	cccaccagga	600
ctccatcaac	cttttctcttc	cttccattct	cgctgcccct	ggtgcgcgacg	atgatggcag	660
cggttcaagg	accatcatgg	agggnqttcc	qnqctctctc	gaactcaagg	gatqttgt	718

<210> 571
 <211> 487
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 571
 ngccaaagag ttctactgat gatcctcttg tatggatcga ctgtgagatg actgggtctcg 60
 accaggacaa tgatgaaatc atagagatct actgcacatc cacaacggga aaccttgaga 120
 ttctcgacga agaaggcttt cagcccatca tccacttccc ccagtctcgt cttgaccaga 180
 ttgacgagtg gngcacaag acacacgcag actctgggtt caccggcggc gttcttgagt 240
 cgacgactac cccggaqcaa gctgcgatg ctctctacga gtacatcacg cggttcctcc 300
 ccgagcgcaa gctggtgtct ctgcaggca acagcgtgca ctgcgataga gcatttctga 360
 ggcgagagcc ctacaagcgt gtgatgagac acctgcacca ccgaattctg gacgttagct 420
 ctatcaagga ggctgcgaga cgctgggcgg ccaagangat tgtgaacaag gttcctaata 480
 agaaggg 487

<210> 572
 <211> 692
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 572
 ggcgactcga agcgcagctc tcaagcttga ctggaccaag gtcaccagct ccctcggtct 60
 ccgtggccag accgttgctt cctccaggc cttcaagaag cgcaacgagg acgtccgccc 120
 caaggtccag cagctccagg agcagccac caccgtcgat ttctcccagt accgatccgt 180
 cctcaagaac caggccatca tcgatgagat cgagaagcga ttcaacgctt tcaagcccgt 240
 tacctacgat gttagccgac agctgaaggc catcgacgct ttcgaggctg aagccgtgaa 300
 gaagcgagag gccaccaagc aggcggtcga cctcgagctc aaggacctcg ccgctacctt 360
 caagaacatc gaggaggccc gaccattcga ggacctcact gtcgacgaag ttgctgctgc 420
 tgagaatcta tcgacgagaa gaccgaccag ctctgttcca agggccgatg gatgggtgcca 480
 ggtacaagg agaagtttgg cgacttggct atggtttaga caaattgcga ctccctttc 540
 cgccttcgag ttgtgtctct tagcattggt gataaaaaaa actgggggtct gaaccagatt 600
 tctcctatcc caaacatcta caaaatttcc tctgtgcttc ataatatctt attatctgaa 660
 catttcttcc aaacggtgtc tgaaggttnn ta 692

<210> 573
 <211> 557
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 573
 naaaaaaaga cncgcgcaaa aaaaccgccc tttctggcga caagaaaaag cgctcaaaga 60
 ccgcgaagga gacttactct tcttacatct acaagggcct caagcaggtc catcccgaca 120
 ctggttatct caaacgcgcg catgtccatc ctgaactcct tcgtcaacga catcttcgag 180

cgtggcgctt	ctgagggcttc	caagcttgcc	gcctacaaca	agaagtnac	catntnctnc	240
cgagagatcc	anacctntgt	ccgcctnate	ctnccccgtg	agcttgccaa	gcacgctgnt	300
ntgagggtag	caaggccgtn	accaagtact	cttnctcgac	nnaatagggtg	gtttgatagc	360
tngatttggt	tngggcattt	annttttnac	ncgnnggcac	anggggtgat	gaatctgagg	420
ttcacnggga	tcacctgtt	tgggggccta	taangcgtac	ngatggtttg	gtttttttt	480
ctgggggcat	gtttaaccgg	ccaacggggg	ccggggggaca	anaacatcaa	aaagggttgg	540
ncaaggattg	gccctttt					557

<210> 574

<211> 609

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) (609)

<223> n - A,T,C or G

<400> 574

cttcaagaca	actatcaaca	ccaataccta	aatccaacaa	ctactataga	acaaataacg	60
aacttatnat	gtttaccgga	attgtagagg	aagtaggagt	tgtctccaag	cttgacaaca	120
atgattctac	tggcggcact	tctttgacca	tctctatccc	ttctggctct	cagctcctct	180
ccgactgccg	tgatggcgat	tccatctctg	tcaatgggtg	ttgtctcacc	gtcacctctt	240
tcacgcctga	agccttcaca	attgggtgag	cccccgagac	tctgagaatc	accaacctgg	300
gtgacctcaa	ggagaacagc	aacgtcaacc	ttgagcgcgc	tgctcgtgct	gatacacgca	360
tgggcggnga	ctttgtcagg	gccacgtcga	taccaccgcc	aagatcctgt	ctgtcaccaa	420
ggacggnaac	gccttgactt	tcgnttcanc	ctgccgcaaa	gacatgctgn	ggtacgttgt	480
gtacaaaggc	tacatcgcat	tgacggnaact	agcttgaccg	tcaccaaagt	caatgaccan	540
gaaggetggt	gggangngaa	gctgatcnct	acactcagga	naaaaagttg	tgtggccena	600
naaaaaaag						609

<210> 575

<211> 1014

<212> DNA

<213> Fusarium venenatum

<400> 575

ctcatcaaca	ccaagtgtct	tcctttcctt	caccaccta	ccccaaagtc	accagccagg	60
agagtcaca	tgtcggcgcc	cacgagcaag	accttcggaa	agtcgaccgc	agaggccctt	120
gcctcttcgg	agaaggctaa	gaagtggtag	cccgctgatg	atgatgccga	gaacaagaag	180
gttcgcaagg	ctgtccgac	ttggactcct	cgcaagtctc	tccagcccgg	taccgtctct	240
atctctctcg	ctggccgctt	ccgtggcaag	ctgttcaccc	tctgaagtc	cctcgaccag	300
gggtctctct	tggtcacccg	cccttcacag	atcaacgggt	tccctctgcg	acgaqtcaac	360
tcccgatacg	tcctcgccac	ctcttacaag	gtcgacatct	ctggcctcga	cgagagcaag	420
attgaggaga	tctctcagcc	caagtacttc	accgccgaga	aggccaagga	gaaggctggt	480
gaggaggctt	tcttcaagca	gggagagaag	ccccagaaga	aggaggtcaa	cagcagccgc	540
gcgcgcgacc	agaaggccat	cgacaaggct	ctgattgcca	acatcaagaa	ggtcgacatg	600
cttgccctct	acctctccag	ctctttcagc	ttgaggaagg	gagacaagcc	ccacgagatg	660
gcctggtaaa	tgtgcaatct	tgtgtgcccg	ggtgatggga	gtaccggggg	tgcgatacaa	720
agggctgtag	aaaggcaagg	gltatcgaaa	agggctgggt	tggcgaattg	catbttgaaag	780
tggaggggca	tgggtcacat	tttgggctct	gtaatcaggt	tttadagtca	aaaacaaaacg	840
agcatacaaa	attctagagg	cttcgggtga	gaggccgatg	atgatgaact	tcactcggat	900
gtccratctc	cctgggtgaa	aagaaaagca	actggtgtga	gcgatcatgg	tctttccccgg	960
tctgaactcg	tcaaaaaatg	acattgtttt	acgaatcata	aaaaaagttt	caat	1014

<210> 576

<211> 632

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 576
atgaagtcca acgctgtcgc agccgcgcgtg tcggctgctg tccttacggg caacgttcat      60
gctgaggacg ttaaggaggg ttctcccgcc gtccccgaaa agcttcccac ctttactcct      120
acaaacatca aggctgactt ccttgaacaa ttcaccgacg attgggacca gcgatggcaa      180
ccctctcacg caaagaagga caccgaccgg tctgaggagg agtgggcata cgttggcgag      240
tgggcagttg aggagcccgt caagtacaag ggaattgatg gcgacaaggg tcttggtgtc      300
aagaaccccc cgctcaccca cgccatctcc gccaaagttcc ccaagaagat tgacaacaag      360
ggcaagactc ttgttggttc gtacgagggtc aagctccaga atggcctcga gtgtgggtgt      420
gcttacatga agctccttcg cgacaacaag gctcttcanc aaggaaagat tcgccaacac      480
aaccacctac gtgatcatgt tcgggtccga caagtgtggn cacaccaaca agggtcactt      540
tatctcctaac cacaagaacc caadacaccc cantacaagg agaaacacct gaactctcct      600
cctactggga agatnacaaa gaccacagag ct                                     632

```

```

<210> 577
<211> 335
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 577
cagaaggaga gagttacggt tggcgatgtc atctatatng aagcgaacac cggcgcttgc      60
aaacgagttg gacgatctga cgccatagct acggaattcg acctcgaggc ggaagagtat      120
gtgcccattc ccaagggtga ggtgcacaag aagaangaaa tcgtgcagga tgttactntg      180
catgacttgg atgtggcaaa ctctcgctcc aaggnggcca anatattatg agcatgatgg      240
gccactgatg aancccaana tgacgganat tacggcaaac tgggtagcga gacaacaaag      300
nggttagcaag tcattcacca gggngttgtg aactt                                     335

```

```

<210> 578
<211> 515
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 578
caagacttcg ctagagcggt tcaaggaggt gattcgagat tccaagggtc tgggcctcgc      60
tggttogancc tacatctctg tagttctggg atgtcctttt gagggatttg atgtcgaccc      120
ccttcaggta gggagatctg ctacagatct tctggaggcg ggagccgatg anatttctct      180
cgttgacact acaggtatgg gtncagcccc tggaaaggga actctccttc agtgtatgtc      240
ngggcgaggc atccgaactg aanacattgc catgcacttc caccacacct acggccaagc      300
tttagtgaac actgcggttl ctctagaaca cggcatccga acgttttgata acaatgttgg      360
tggtctgggt ggttgccctt acaccctggt ggcactggga atgtctcaac cgaaaacatg      420
gtttatttca tgganactcc gggatgaat acaggtatca gcttaaatgc catgtctgat      480
attggagcat ggatcacaan ggancctgggc cagga                                     515

```

```

<210> 579
<211> 1511
<212> DNA

```

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1511)

<223> n = A,T,C or G

<400> 579

ctttctctctt	gatacagtttg	cattcggcat	ctcgactttc	tctttttgtcg	gccgtataacc	60
ttccttcaaa	atggcgctcna	cttcggctct	gcctaagcag	aaccctgctc	ttagacgcac	120
cgtcacctcc	accaccgtga	cggacactga	gtctgctgct	gtctctcctt	cagactctcc	180
ccgccactcg	gcctcttcca	cctcgctctc	attttttctcc	gaggtcgaca	ttgccaaagcc	240
caaggccgaa	tatggtgtta	tgtttgacac	ctacggcaac	aagttcgagg	ttcccgactt	300
cacttatcaa	ggaaatctac	aatgccattc	ccaagcactt	gtttcaagcg	ctccgccttc	360
aaaggatcac	gatacatcct	tcgcgacalt	gtcctccttg	ctaccacctt	tagcatctgg	420
cacaaactatg	tgacccccga	attacttccc	cagcaacttc	cgcccccgct	ggtctctggg	480
gccgtctaca	ccattctccc	agggctcttt	tcgctaccgg	tatttgggtc	attgctcacg	540
aattgtgggc	acggtgcttt	ctctgactct	cgctcctca	acgacatcac	cgggtgggtt	600
cttcaactct	ctctctctcg	cccctacttc	agctggcaga	tctcccaccg	aaagcaccac	660
aaggctaccg	gaaacataga	gcgtgacatg	gtctttgttc	ccggaactcg	cgagcagcag	720
gctactcgtc	tcggcaagat	gacccacgag	cttgctcacc	tcactgagga	gactcccgcc	780
tttactctga	tcctgcttgt	tctccagcag	ctcgtcggct	ggcccaacta	cctcatgacc	840
aacgtttaccg	gccacaacta	ccacgagcgt	cagaaggagg	gccgtggtaa	gggcaagcac	900
aacggtctcg	gtggcggtgt	caaccacttc	gatccccgca	gcctctctta	cgagcacagc	960
gatgccaagc	tgatcgctct	gagcgatatt	ggatccggcc	tgatgggtac	cgctctgtac	1020
ttcctcgctc	agaagtttgg	cttctacaac	atggccatct	ggtacttcgt	tccctacctt	1080
tgggtcaacc	actggctcgt	tgccattact	ttcctccagc	acaccgaacc	tactcttccc	1140
cactacacca	acgacgantg	gaactttggt	cgcggtgccg	ctgccaccat	cgatcggtgan	1200
atgggttttca	tcggncgcaca	ncttctccac	ggtatcatcg	agactcacgt	cctccaccac	1260
taogtcagca	gcattccctt	ctacaacgcc	gacnaagcta	ccgaagctat	caagcctgtc	1320
atgggcaagc	actacogtgc	cgacgtccaa	ganggccccg	tggtttcatt	cgtgccatgt	1380
acgcagcgcc	ccgtatgtgc	cagtgggttg	anccagtgcc	tgaaacccaa	ggtgctggca	1440
aaggngttct	gttcttccgc	aaccgcnaca	angttgggac	tgccccctgcc	gtcatcaaac	1500
ccgttgctta	a					1511

<210> 580

<211> 365

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(365)

<223> n = A,T,C or G

<400> 580

atcgggtctgg	tgtcgaaaact	ccctgggtgtt	ggcgatggat	tcgcctccca	ggctagggac	60
ctcaaggcca	gctccgaggc	tcaggagcag	cqtaaccgag	gctatgagca	gagcccggtt	120
gattttgactc	gtgataaagg	caaccaaqtc	cccggtatga	gccttgactt	cgaccccgtt	180
gaaacccgac	gcaagatcta	ccclatcttc	gagttccgcy	acaagatcgt	caaggccatc	240
ajcccggggta	tttccaaggt	tcctggactg	gagaaaagctt	cttgagaaga	tcagtggagc	300
atttactgnt	ttcatcttgg	gcctttntcg	cccttccalt	cqacccatna	tcaaacaggt	360
ntaaa						365

<210> 581

<211> 659

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

```
<400> 581
atcgacttcc aggacaaggg tgtcaaccag ttctacatgc gcgttcgcga gtggtacggc      60
tggcacttcc ctgagctcgt caagattgtc tccgacaact acacctactg caagctcgtc      120
ctcgccatcg gcgacaagaa gagcttgaac gacgacaagc tccacgacat tgccgccctc      180
gttgaggagg acggtgagaa ggcccaggcc atcattgacg ccgccaaggt ctctatgggt      240
atcgaaatct ccgaggccga tcacgagagt atcaaggcat tcgcccaggc cgtcgtcaag      300
caggccgaca accgcaagtc caccaacctc taccttgaga agaagatggg cgacatcgcc      360
cccaacctgc agacctnat cggcactcct gtccgcgcgc cctcatcttt acgctggttc      420
tctgaccaac ctttctaagt accctggctc ttacttttca gattctcggg gctgagaagg      480
ttnttttcgg ctttnaagaa caanacaaca cccccaagta cgggnttatt ttaccanaag      540
aagttttatn ggaanggccg ggggtcccg c aacaangggg cggatttttt nggaacctng      600
cccaacaaag ngcagttttg gccaggggg cccgnaaaac ttttttccgn ngagccctt      659
```

<210> 582
 <211> 389
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

```
<400> 582
catgggatcc ttccaggcca agaagatggg actggaagag cgtgaggccg tntacgagcc      60
tatcttttgc atcaacgagc gtgacgacct gaccttgaa gtcaatgaag tntatctngg      120
tgaacccaac aagctgcac ttgaaggcac tgccaagggt nccttcaatt ctcacaaccc      180
ctacattgcc ccatttgcg agncttacna gctcttctct gcaaggacag gaactgcctt      240
cacatggaag tcgacattag cggttttaac ctcaaatacg aaactggtga tcacattgct      300
atctggccca caaaccttgg tgaggagggc aacctgttct ttagatattc tcgatctctc      360
tggnaaagcag cacaccgtca ttaccgcaa
```

<210> 583
 <211> 583
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

```
<400> 583
cgttaaaact atatocaatg cgtttctctc cattcctgtc aaacatcacc tttacattct      60
caaacattac ccgtgtgaga cctccactga cctcacactt ggcttatcga cctattctct      120
cttgatctat gtctggaatt ccacatttgg gcgttttatt tgggaattca totagcaaca      180
agtcacaatc gtcttatcct gaccagcgtt caagcgacna gtggcgtgct gtccctcaaca      240
aggagcaatt ngttattctc cgtgagaagg gtacccagac tcccggttca ggaaagttag      300
ataagcaacta ccccgacgaa ggtctctaac tgggcagggc tgtgatacgc ctctctacaa      360
ggctaactac aagttcaagt ctggctgtgg ctggccagct tactttgaca gcattccccg      420
tgcagtttga agtcacgaag atcgcccttt cgggtatgga cgaactgaga tgtgtgctcc      480
aactggggcg gccatctaag tcattgtttc agggcggaagg ctttgcaccc caactgatgaa      540
ctcatgtgtt aacagcgtca tottaactct ctcccaatga nag
```

<210> 584
 <211> 596

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 584
gcccgtggcc aagccccga gtacctctgg atcggatgcg ccgactctcg catccccgcc 60
gagcagatct gcccctcga acccgggcag gcatttatcc accgcaacat tgccaacctt 120
gtctgcaaca ccgacctcaa cggcatgggc gtcattaact atgccgtgaa gcacctcggc 180
gtcaagcaca ttattgtctg cggccactac ggctgcggag gtgtcaaggc cggcatgact 240
cttcaagatc ttgggtctgt gaacctctgt tgcgaaacat ccgcgacgtg taccgtcttc 300
acganaanga ctcgatgcga ttgcccgcga aaatgagcga tacgaccgac tcgtcgagct 360
caacgtcgtt gaacaatgtc gcaacgtcat caatttgcgc acgttcagca gtcatggcat 420
gaaaaacaat nccccctctt ccnccgatgg gtttcggatt caaggacggc tctccagatc 480
ttaaaatgac ttnaagcng cggggtgata tcccaaaatt tacaaccttg ttgaaaaaaa 540
ataatgggaa acaanttctt ttanaaaaaa aaaaatanaa aaccgnttca attggt 596

<210> 585
<211> 447
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 585
attaacatat aacagaaatg gctgagcaca acatcgtcgt cctgggtggt gaccactgcg 60
gtcctgaggt tgtggccgag gctatccgag tctcaagac tctcgaggag aacaagccca 120
gtgttggcaa gttcaacttc aaggaccatc ttatgggtgg ttgtcaatt gacgcccacg 180
gttccccntt gaccgacaan accctcnctg cggcaaggga gccgacgccg tctnctnng 240
tgccatcggc ggcccaaatg gggtaaccggc gctgccccct gaacaaggtc ttntgaagct 300
ccgtaaggag atgggcacat acggnaacct gcgaccttng tttttccctt ccacttcctt 360
gnnaaccttt ntcccttaan ggccaaattg ccnggccccca atttttattt ngccaaaact 420
cctgggggaa ttctttttgc caccoca 447

<210> 586
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 586
actcgggtgag aatggagata ctccgctgca acttcagaca cagctcgaaa ccttttatect 60
cgactttcgg ctcgacaaca atttcgtcta cagagaccaa cttcgagaga atgcgcttct 120
caagaggtac ttctgcgacg ttaacatcaa cgacttgatt agcttcaacg aggagctggc 180
acacggastg gcttngaac ctgcgacat catcctata ttcgaaaatg ccttannгаа 240
atgcacacat cggattgtct tccctcagga acccaagatt gagatcccg aacatbaact 300
tctccttcac tcaaacgcgg acgatgtctc gatcccgcaa tctcgactcc gaaaccatct 360
cacggctggt acgtgggcca ggtattgtca ttgggtgctc agtcattgtc tcaaaaggcaa 420
caaaactcaa tatcaaatgc cgcactcggc ggcacactaa aaacattcct gtcttgggag 480
gttcaagggt gtcactctc cccaaaattg ctctcgaaat cgagtccca atgaccaaca 540

ncaaaatgtc catggncct aatcggttgc caccgagaagt ctcaatttgt ccaccaacaa 600
attatcaaac ttcaaagaaa cgcgccgacc aantt 635

<210> 587
<211> 564
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 587
cgggcagcca agaactagctt agctgccaca actctcaagg cctgcttctt caggtecgcta 60
ggaatggctc gaatcatttc tgagttgtat aggttaaccc gttytogaac gccgatattt 120
gtagccattc ctgagtgtt cctcttgagg ccccaactgg cgataattgc ggcaggcgctc 180
tttgagagac ccgtgagtc gctgctgctg ttgagaagct gggcagcagt aaggggaaccg 240
atgagagcgg tcaaattagg cgcaaagatg ttcattgcgc actggacgta ttctgccaac 300
gtttgcttgg cgttattttg agatatagtc atctcacacg ctctgtagac gcgctgaagc 360
tcctctgaag tcatttcatg accttttagac gtcgtggctt cgaccgtcac aatcatganc 420
gaaggtccat cgagaacaga cttganaatt attcccagaa gattgtcngt cgaagtctgc 480
agtgttttga tgctctccga gtccaaaggc ccattcctat gatggcgaca acttggcata 540
tctagtgggt tcgtgacaat cgtc 564

<210> 588
<211> 796
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(796)
<223> n = A,T,C or G

<400> 588
gggcacccac ggggaacggtc tttttgttta agaacaaatt cctccagct cccactaact 60
aaattgcagg ttgtttgaga ggacggaagt cataccacag tcaagatgcc ttcagaagcc 120
ggtcacccgac tatacgtcaa gggacgtcac ctgagctacc agcgctctcg tcacaccacc 180
cgccctgcta ccagcctgat caagatcgag ggtgttgacg acaccaacgc cgccaacttc 240
tacctcgga agaaggctgc ttctgtctac cgtggccaga aggagatccg cggtagcaag 300
atccgtgtca tctggggcaa ggtcacccgt cctcacggaa actctggcgt cgtccgcgcc 360
aagttcacct ctctcttcc caccaagtc ttccgtgctt ccgttcgcgt catgttgtat 420
ccttcgtcga tataaaaaaa gggcttcggg ctggagttgg tagtganggg cggctttcat 480
ttggttgcct tggctcgagca aggataaaac ataactgctt gctttgagga attcaattca 540
aaaagacgtc aaatccana ccccgaaaaa ggctctttac acctgagcta ctgcttttga 600
tgacataaac ttattcccc ttcatgcaa cggttatcgg aaatcgatcc cgcccagagc 660
attccactgg gaggggagct tcagtqatgg aacactttct ggcggttggg attgggaaccg 720
gtgttcggaa caadtcdtca atagqqtaca agcgaatcat cgatgaaatg ccagggtccag 780
gggtctctat agggca 796

<210> 589
<211> 553
<212> DNA
<213> Fusarium venenatum

<400> 589
ccaagacgtc ggaactggcc cttgacctgc tcgagaagct cctcgcatte aacctgttta 60
agggcattac tgtggaggaa gctctgaagc acccatacct cgagccttac caccgacctg 120
aggacgagcc aacagcgccc cctatccccg aggagttctt cgactttgac aagcacaagg 180

acaacctgag	caaggagcag	ttgaagcagt	tgatctacca	ggagatcatg	aggtaaactgt	240
ggagactccg	taaaaagatg	gcctgcgaat	tcgggggatgt	caaatagact	acatcacata	300
cctatgggca	cgcaagcaag	caagcgcatg	cagaactacc	ggtcgagttt	attctgcata	360
tcatgtatct	ggcatgaatc	ttttgtcaat	cttgctgata	ggagtgggtg	aatgtaagga	420
aacaggatcg	aagatatgaa	atggagactg	agatccagac	cggtgataaa	gatgatttca	480
tgaattgcac	attgcaacca	tttcttacta	gttgtttatat	cccaaaaagaa	aattcataat	540
aagtgtttat	ttgtaaaa					558

<210> 590

<211> 556

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(556)

<223> n = A,T,C or G

<400> 590

agaccgatgt	ggtcatcaac	aacaataacg	atgtccagat	gaacctgcag	aaactcaaca	60
agctgggtga	gacgttcgct	ccaggcttcg	gtcagctggc	taataagaag	ggagacttgg	120
gcgatctggt	cgattcagaa	ctcagcaagg	ctgcggatgc	catcgcggtc	gccgtgcac	180
gactggccaa	gctcaggaac	aagcctcggt	atggctactc	aacctatgag	ctcaaggtaa	240
acgattcgat	ctgggatgag	gccacggcga	tcaccaacgc	cattacgcaa	ctgatccaag	300
cgggcactgt	gacacagcag	gagatcgccc	aggctggacg	tggatcgacg	tccaggacag	360
cgttctacaa	gaagaacaac	cgatggacgg	agggctctcat	ttctgcccgc	aaggctgtgg	420
cgctgctgac	caacactctg	attgagacag	cagacgggtgt	catttctggc	cgcaacaagt	480
ccaaaacagc	tcctcgctggc	ctcgaacgat	gtggctgcct	cgactggcca	ncttgttggn	540
ttgcaagcag	agtcaa					556

<210> 591

<211> 633

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 591

caacggccctc	atctccaccg	aggacgcctc	cgagccctct	ctccagtcac	tcctcgacca	60
gggtagccctc	cgctggatct	ttgttgccgg	aaaagggtgt	gtcggaaaga	caaccacttc	120
ttgtctctctc	gccattccagc	tcgcaaagggt	ccgcgggtct	gtacttctca	tcctcgaccga	180
tcctgccccac	aacctgtcag	atgccttttc	ccagaanttt	ggcaaggagg	cccgccttgt	240
aaatggattc	gacaacctga	gcgccatgga	gatcgacccc	aacggcagta	tacaggatat	300
gctggccgggt	cagaacgaag	gccgatgact	taatgctgct	gctggcggnc	ctctaggagg	360
catgatgcag	gacctcgctt	ttgcgattcc	ggatctgaca	ggccatgtca	tttgccgaag	420
ttcccaagcag	gtccagtcctc	tttctcagga	aaccattgtc	tttgaactgc	gcccacangc	480
catacctggg	ctttctccaa	ttcccccacg	tttttgaaaa	ggtctcgcca	gggggtacaa	540
tttcatctca	aacggggccat	actgaacgtt	tccttggtcc	ggggatcgat	ccccatggcn	600
aactanaaat	atgcaataaa	atttgcgnaa	atg			633

<210> 592

<211> 469

<212> DNA

<213> Fusarium venenatum

<400> 592

caagttttatc	aacagtggcg	atcgggggacg	atcattcttta	tctacattgt	ccaaagtcat	60
-------------	------------	-------------	-------------	------------	------------	----

tgactccaag	atccaagtct	tgatctgggc	tggtgatgcc	gactggatct	gcaactggat	120
gggcaattac	cgcgctctca	actcaattgc	tcccaagtca	ttcgtctcag	ctcctcttca	180
gtcctttact	gttgatggaa	ccaagtacgg	agaatttaag	acatctggaa	atttgagctg	240
gctgcgagtt	tatgggtgctg	gtcatgaggt	cccggcttat	cagcctcaag	ctgcattggc	300
tgcttttggt	gccacacttt	ccaagaagcc	tatttcatca	acatgattaa	tgaactgctt	360
gttgaattcc	agtatattag	ctttatcttc	cataccccag	acgattcatg	tatcctgtat	420
gtagtagcta	tacactaaca	aaactacctc	tcacgcttcg	ctttctttc		469

<210> 593

<211> 451

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 593

cagtcctcgta	ccatcgga	gtacttgatg	gagattagcc	tcttgga	tcgatttatg	60
gcctacagac	cgagtcacgt	cgtctgtggt	gccatgtact	tggcgcgact	aatgcttgac	120
cgcggtgaat	gggatgccac	cctatcttac	tatgcgggtt	acactgaaga	tgangtcgag	180
cccgctcgcc	acctcatggt	cgactacctt	gctcgccctg	ttgcgcatga	ngcatttgac	240
aagaagtatg	ctgccaagaa	tttttgaagg	ctcactcctc	gctcgccaat	gggccaagaa	300
natgctgttc	ttttcggcat	taccgatggt	gaactgagtc	ttgaccaa	atcatagatg	360
ctatcgacac	tcgngcatt	tactgcattc	cttattcgat	aacctgaaca	acaggatata	420
cgccgcggtt	ggaataaa	gtacgccgct	c			451

<210> 594

<211> 575

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(575)

<223> n = A,T,C or G

<400> 594

ttcctctctgt	ttcctctctc	tctaaaacga	tatcttctat	acgcttttcgt	ctgttcaaca	60
atcctccgcc	agtattttac	gacccaaata	ataaactaca	aaccccagca	atcagttcaa	120
aatgggagag	tcgagacaag	aacttggtgc	atggctcaac	agccttttgc	aactcaacat	180
gaganagatt	gagcaatgag	gtactgggtg	tgctcttttg	caagtftttg	acagtatcta	240
catggagcgc	cccatgtcca	aggtcaagtt	caacgtgaac	tctgaatacc	tgtacatcca	300
aaattttcaag	gtttctgcaga	acacgttcgc	caagcatcag	atcgacaagc	cgatccccgt	360
cccttcactc	ataaaatgca	agatgcagga	caacctcgag	ttcctccaat	ggacaaagcg	420
ttctgggact	caacttcctc	gatcacgagt	acgatgccgt	tgcccgaacna	anggtgggtg	480
aaagctccgcc	gctgcgtctc	gaccgcggtg	caatggngcc	gcctcttgga	ggaanantcc	540
aaagggggac	cagtggtacaa	aggtgcgggc	ctgca			575

<210> 595

<211> 641

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(641)

<223> n = A,T,C or G

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<400> 595
gtcaccaact aaatcccttcc cccatccact ggcttcaatg agctatgggtg atgccgatgc      60
caaggggact tgataaaciaa atttcgtacg caaacgctgc atcttgatcc cgtcagcccgc      120
ctctggggct tccaactcct ttccaggctt cgtattccgt tcagttatct ctggtcagag      180
acgttgatac ccaaaccatc tgactgggac gaccacctga acattacagg cttctctttc      240
ctaccacttg ccagctctta cagcctcct acagaccttg taaacttcct taacaatggg      300
ccaacaccaa tttacattgg gtttggtct atcgtcgggg acgaccccca agcactcacg      360
actatgatct atgaagctat caagattgcc ggcatcgaa ccattgggtc gaaaggatgg      420
gggggtgttg gtgcttgagg aagtccccga tagcctttat ctcattggga aactgtcctt      480
cacgactggc ctgggtccaa catgttgaac tggtnccac catgngggg tggcacgaca      540
gttgccgnat accggtgggc gacgatggcg ttgtccgtct ttgagacagc ctttggggnc      600
aaatatggct cgtcagtgcc ggacnagtnc agtcatacaa a                                641

```

<210> 596

<211> 610

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(610)

<223> n = A,T,C or G

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<400> 596
gattgggtac caactcaagt tccaggtccg agaacgactc gcaaagggcc ttgtcgacaa      60
gggcatectc cgtaccgaga agcgcaattt cctcctcttc gacatggcca cccatcccgt      120
cgctgatggc ggtgccaaagg aggagatccg ccgcgcgcgc cgcactgtcc ttaccaaacg      180
aacgcgcgtc ctcaacggta gccagttcct acccgagtcg ctcgagtttc gttatatgcg      240
caccatcgcc atgggtttgcg ccgcttaagc cgctaattgc ctcgagaatg cctcgcctc      300
ccttggtcat gaggtcgcg agagagcctt tgcgcagacc gacgacctgc tcgtgacta      360
cagtcfaatg ccattcgga agaaaggcca cacagaacgg tattggggcc aacttgctc      420
aacttatcaa cgaggaggtc aacaacggta aanacaagga gctccacttg aggtgggttc      480
acttgcttga ggggtctttac tcgaatcgac ttctttnta taaatggacc gaccaggtg      540
gatgcggatc cctttttnca aacacgatgc ttgggataca ttntcgaac gactntntgc      600
cgtcttagtg                                610

```

<210> 597

<211> 788

<212> DNA

<213> *Fusarium venenatum*

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<400> 597
tcattgcccg actaactttc cagcgcgcgc ctgcgcaaac caccgcccac atgggtcaaga      60
tcaacctctc cctcgtctct tctcgccgca agagccgtgc cgtcacttc aaggctccct      120
ctgaccagcg ccgtgttatc atgagcgctc cctctccaa ggagctccgc gagcagtaca      180
acgtccgctc tattcccatc cgaaaggacg acgaggtcac cattgtccgt ggttccaaca      240
agggccgcga gggcaagatc acctccgtgt accgtctcaa gtacgtcgtc caggttgagc      300
gtgtcaccgc tgacaaggcc aacggccagt ccgttccctt gggcatccac cctcccaact      360
gtgtcatcac caagctcaag cttgacaagg accggaggga catccttgcc cgttccaaga      420
ctggccgtga gctcgtgccc aacaacaaag tcacgtctta agcgtatgag ttgttcgaga      480
acaacaaaaa tcaaaaattcg gaattttcaa gacgggatga tcaaaccttc cttccaggcg      540
aggacgaatc ttttcttttt tcaccactca cgattacggc accaatgtga gcaacatcaa      600
gggcaaaaagt tgatgaggaa atgggcataa tactccggcg ttttacgata cctgcgtgct      660
ttccttcggt cggcgcggtc cccggtctac agcagggtag atgaattgag aatttttagg      720
gttctcaatg gccatttcaac tcaattggta aatgctccat gggagattta tcccdaatc      780
ttgacctg                                788

```

<210> 598

<211> 1257

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1257)

<223> n = A,T,C or G

<400> 598

gggatnangt	ttttttttcn	ttgttcattt	ctgccaaacct	anatgatncc	acgttgataa	60
catacaacca	aacataaaaa	agacctcatc	atgcctgctg	ttcctnaaga	tgcgcccag	120
tccgntggac	aaatccccgc	gcccgaaaag	tcaactccta	ccttcaaacc	cgaagatgtg	180
accgtcatnt	ttgtttctcg	cggccctggt	gccggtaagg	gtacccagtg	ctccaagctc	240
gtntctgagc	acggcttcac	ccacctttct	gccggcgact	tgtgcgcgc	tgagcangag	300
aggccccggt	cccagtatgg	cgacctcatc	aaggactata	tccgcaacgg	cctcatcggt	360
cccattggagg	tgactattgc	tctcctngan	aacgccatgt	ccgctgtcct	caaggagaca	420
ggatgcagag	agggcccggt	ctnattgacg	gtttccctcg	taaganggac	caggctgtca	480
aagtctcgang	agaccgtctg	ccccgcaagg	ttgtcttttt	ttcgactgnc	ccgaanatgt	540
tatggagtc	cgtttcttga	gcgcggnaaa	acagcgcccg	gaagaaattt	tttttttttt	600
tttttaaaaa	naaaagcatt	catcataaaa	cgacacccta	aataacagag	acaaaaggca	660
ggtttgaaga	accattgcat	tacttttttg	tatcccccat	gcacctccca	aagggatcca	720
ggcgagagg	atttgccccg	aagccctgtc	atgtggccca	gtcgggatct	cctccccatg	780
tgtcgtcttc	cggactgggt	gcagcgcaat	atggtataaa	atgcccgcga	cccttccagg	840
cgaaactcta	gaaacgagat	ctatcaacaa	ctgccacaaa	gagatttccc	cgtaaaacct	900
tcccaaagat	gtcaggtctg	cctgcgtcgt	ctggtcgtaa	aaagctggcg	ggacattttg	960
ccacaaaacc	gagagtttgg	acgaaccggg	aaatatacaa	gccctagatc	actttttntt	1020
gcctcaatgg	cttaaaaaag	atcggcaacg	ttcaaaggca	tctcaatcaa	ccagagttgc	1080
tggagttaac	gcttntatit	ccctgagcat	gcggatatct	tggntgnta	cgaagttgat	1140
ggcgacaccc	tttcggggca	aacgtntctt	acgaccgatg	cgggggggatg	tagttttctc	1200
cnggtggng	gggagatcgt	anttgatgac	canggacacc	tgntggacat	cgatacc	1257

<210> 599

<211> 616

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 599

ccgagcaacg	caccactaac	gccgcctgtg	gagagcgta	ccagcgccca	gccgntttta	60
ttacgcggta	cttgtgtggc	gataagagca	ttagcggtgg	ggacaaatcc	gccaaagtaac	120
ccaagaagcg	cccgaggat	caaaaaactgc	cagatatttt	gtgccagccc	catcaacacc	180
atcacgatgc	ccatgccgag	ggcagagcgt	aatagcatga	gttttcggca	agaatttctt	240
attttcaagc	acttgcaatg	ctgcctttcc	acctgcttca	gccttgccgt	taccaacacc	300
acatgccatg	aatttgccctg	tttctcccca	ccgctcaaga	taaaatccaa	tagcaaacag	360
ngggaggcct	gtgtccttgt	ctttttttctt	gcattccata	tcttcgnacc	cgaattttga	420
ttccggcccg	ctatcgctgc	gtctcanacna	cctttggcat	tttgcctctgt	caaggggtatc	480
acttttgggt	tggggctgng	tanggtgttc	ttganccata	tgcctgngttt	tgagctattg	540
tttncaaaac	actttctggg	ttttctttga	acctgggcnt	ttgattggac	caccccnan	600
catttttgag	ccaagn					616

<210> 600

<211> 651

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 600

cgaatggctg	aagtcgttca	tggtcatatc	actcttgacg	gagaggatat	ctctgttata	60
cctagacatc	tcattcgcca	acgcttgagt	tgcttgaccc	aggatccttt	cgtcttttga	120
gacagcatca	gagccaacct	cgacccttgc	aacgtatcat	cagacgacga	gatcagaaac	180
gcaactggagc	gtgtggggat	tttgtccgtt	atccaagcca	agactgacaa	caacaaagac	240
ttccttggtg	agaagatgga	cgagaacttc	ttgtctcacg	gccaacgaca	attgttctgc	300
ctcgcaagag	ctctttctca	gaaaaagccc	cttgctcatc	ctcgatgaag	ccaacaagca	360
gcgtcgatac	acagacagac	gccaggatgc	aggaagttat	tcgcacagaa	attctcagat	420
tgtaccatca	tcattgatcg	ccaccgtatt	gatacgctac	ttgactttga	caagggttgt	480
gttctggata	ggggctctct	ggtggagttt	ggagcaccac	aggagttgtt	ggcggattcg	540
ggtggtgctt	ttacgaaatt	gtatcgctgc	aacaaaggga	agaanaccga	nggctaaatt	600
gttgtgatgt	agtataatat	ttttgtgaat	gggagttcat	ttctctttcg	a	651

<210> 601

<211> 786

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 601

cttagtcgat	ggggaaaaat	gacccccatt	cagaagccga	catcagccca	gccggcgctg	60
gaateccccg	catctctctc	cgcgctcttc	actccgtctt	ctgactcttc	tacttctgct	120
tctgcttcca	ccccagccac	agcagcaatg	gcaaagacat	ttcctcctgt	gcagcctgga	180
ggcagtttaa	ttctggcatg	gcaaatcaag	cacaagaagg	tgcttggtgt	cggcggtggt	240
gaggtcgccg	ctggtcggat	cctcaactgc	ctcaatgccg	atgccaacgt	cactgtcgtg	300
tgccccaaat	ctggcctcaa	cctgaagtc	gctttccgag	ttagtgaagg	tcaagtcgag	360
catatcgacc	gagtattcga	acccgaagac	ctggatggcg	ccagcatggt	cctggtcgcc	420
atcgacgacc	ctgcgccttc	gaccgtcatc	tggaagcttt	gcaaggagcg	aaaggtcctt	480
gccaatatcg	ncgacgtgcc	cccaagaatg	cgantttctat	tttggtagca	tccatcgcca	540
atggctccgc	tccagattat	nggtcaagca	ccaatggcaa	ggggccaang	gttggcggtc	600
gctattcggc	aatttaattg	caagcaactg	ccgaagaatg	cnggtacgct	tcgagacgat	660
tggtgagctt	cggctaaatt	aaggaanatg	gntccaacct	gangatggac	caacgcgatg	720
tctggatgta	aaggtcanna	tctacaatg	ggatgaatgt	tngcttacag	acnaaanttg	780
acactc						786

<210> 602

<211> 337

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 602

cttcaaaaagt	atcagcacca	agttcagtg	aaaccttgcg	cttntcttca	ccaccatcca	60
gagctgtcac	acgcagcccc	atagccttgg	cgtactggat	tgcannnnnn	ccaagaccac	120
caactgcgcc	agcaatgaat	acgctctgtc	cagggcggaac	gttggaggac	ctgagagctt	180
tgtaaacggg	tagtccggcg	cagaggatag	gtgctactcc	agcgagatcg	cagtccttag	240
gaatacgcgc	tacatgcgct	gctttgccga	cggcgatttg	ctgaaatgag	ccatcgactg	300
tgtagccgga	tagtgaagcg	tgngaaaaaa	ccnnaaa			337

<210> 603
 <211> 552
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 603
 cgatatgaca ccacagatgt cgcgtgagga agctcttcac tggttcttgc ccaagactgg 60
 acccaatgag cagcaggctg tgtggaccta cgttgttgaa gatgagaaca acaagatcac 120
 tgactttctt tctttcttct gcattgagtc tactgctatt ggcaacacta agcacaacgt 180
 tattaagggtt gcttacatgt ttactatgg cacagaggtc ggtctgcagg agaagttcga 240
 caaggctgcc tcaaqaacga cctcaacgat ctggtgcacg atgcccctat tgtctccaag 300
 cgtacaaaag tttagcgttt ttaacgctct gacgctgatg gacaaatgcg tcttcttggg 360
 gcagcagaag tttagcgtct gtgatggnc aacttactac tacctgtcaa ctaccnggt 420
 naccocatcg ccgnggtgt gtcgcaagaa caacttcgac gangagaacc tgagcgggtt 480
 ggactatgat gccttgaggn aatgtttggn tggctatnag gggtgaaaga aaaaaanttg 540
 gaaggngagg at 552

<210> 604
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 604
 cgctcataca catacacgcc cttcaaccaa ctatatcgcc tactctcttg ccgactccac 60
 acaatggctc cttcgacctt caagctcaac accggacagg aaattcctgc tgtcggactc 120
 ggtacttggc agtccccgc tggcgaggtc gagaaggctg ttgcatatgc tcttaaggac 180
 ggctacaagc tgatcgactg cgcctactgt tatgggaacg aagaggaggt tggcgtggc 240
 ctcaaggctg cctttgaggc tgggtgtcaag cgcaaagaca tctttgtcgt taccaaaagc 300
 ttgggtacct acaacaccg tgtcgagcta gctctcgaca agagcttgaa ggccctcggc 360
 ctcgactacg tgcacctttt cctaagtaca ctggcctctt cttctcaacc ccgagggcaa 420
 cgacgacaag ttccccaga agcctgatgg ttcccagat gttattcgag actataacca 480
 cgtcgatggc tggagctca tggagaaact ccccgctacg ggcaaagaca aaggctgtcc 540
 gtgtttgcaa ctacagcaag aantacctt gangagcttc tgcctcaagc aaccatccgt 600
 accaactggt aacccaaatc gaaaancaa ctgagcttc 639

<210> 605
 <211> 417
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 605
 atggtagagt cgaccctgac tcaatgaacg gtaactgtgt catgtatgat gccgtcgatg 60
 gcaagattct cacttatgga ggcgccacta gctaccagca agctcccgt actgctaacg 120
 ccaatgtcct cgtatttgc gagccaggat ctgttgctca gacatacctc gttggaaaca 180
 atggcgctgg taacttcgcc cgtgtcttcc atacttctgt tgttctcccc gatggcaatg 240

tcttcattac	tggtggacaa	tcatactcca	accctttcac	cgataccaac	gctcagttca	300
cacccgagat	gtacattccc	acaaccccacg	agttcaagaa	tcagcaacct	aacaccattc	360
cccgaaccta	ccacagtatg	tntctgctgc	tcgacagcgt	actgtgttca	acggcgg	417

<210> 606
 <211> 519
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 606						
ccactaataa	aadcttacc	tgaagttcc	gagtgggtgt	acatgggttg	ccctctctgt	60
gcatatggcat	tgggtgtttc	tggtatcggt	ggctgggata	cgcacacttc	tccctggcgtc	120
atctttttacg	gtcttgcctt	ttgcttggtc	tttgcctatc	ctgtcgggaat	catcaaggcc	180
atgactggta	togaggtcac	tttgactgtc	cttgccgagt	tcattggagg	atccttcggt	240
gagggtaatg	cgttggccat	gaactacttc	aagtcttctg	gctatgttac	ttgtgctcac	300
gctgtcatgt	tctccaaaga	tctgaagctt	gctcactacg	tcaagatccc	accgcgacac	360
accttctttg	ctcagatcat	tgccaccttt	atcagcacct	ttgtttgcgt	tggtgttctc	420
aaacttccaaa	tgacacaaat	ccctgggtgt	tgtaccgang	atgctcgatg	gaagatgaca	480
tgccccagtg	tcacactttc	ttcactgctt	ctgtcctct			519

<210> 607
 <211> 608
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 607						
gctgatcgag	attaccgaaa	agacacttac	acaagaggag	ggatatacga	gggaggaagt	60
tgccaaggta	ctgaacgtta	cagtagagga	tcttgagaag	cgctttatgt	ccaagctccc	120
cgtacgtgcc	gaacgcttca	agctccgcca	gcgcgccctg	cacgttttta	gagaggctca	180
cagagttatt	cgtttnatga	agctcctnna	aaaccctgtc	cacaccggcg	cttcggatac	240
aaaccaagttc	aacacagaac	tagggtcctt	attgaacgag	acacaagcat	catgccgcga	300
cccttatgag	tgcagctccc	ctgaattgga	tgagatttgt	gccatctctc	ttcgggaagg	360
ttcttacgga	gcgcgagtga	ctggtgcggg	atggggaagt	tgcagtgtgc	acatggtgcc	420
agoggataaa	gtacgagcaa	gtgacgccgt	gctctaaana	aggagtnttt	tgccaaaaag	480
gaccttacgg	aanatcaaaa	aaagggggct	tgtggtggtg	aatcnaccaa	cgacagggaa	540
gtgccatnta	ctacgtccaa	aaatgggggt	gaaaccttga	ngggtngatc	acctgaacac	600
acaagtgg						608

<210> 608
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 608						
aaactact	gactgacccg	taccgtact	cgtaccttaa	tactgtctgc	tttacttttt	60

tactttactg	cactaatcac	tcgagaacgt	tgacgcctca	tacctcgcgc	ttatcgctcg	120
cattcgcttc	ccaaaccgaa	aactttcacc	aattcctaacc	acaatggccg	acgctcacgc	180
tcccaaggca	gagtcctccg	ttccccggga	gaagctcgan	gctcagatca	agtcgcgcga	240
tatgacggag	gatatgcaac	aagaatccat	cgaagttgct	caggaagcca	tgcccaagtt	300
caccattgag	aaggatattg	cacagcacat	caagcgaacc	ttcgacgaac	gaaaaggact	360
acttggcact	gcattgttgg	acgcaacttt	ggcagctttg	tcactcacga	aaacaancac	420
ttcatctact	tctaccttgg	ccactgcgca	atttactatt	caaaccata	ggcatgggag	480
catgctcacc	attggggcct	tggaagatnt	gctgtacgca	gaagacantg	ggttggacga	540
anaaaaaaag	caaggattcg	gcattggcaca	aaactca			577

<210> 609
 <211> 601
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 609						
gcgtcacctc	tcagtcaacc	aggttgtgaa	ggataaggag	tgccatgaag	gatggagcga	60
tgagttccac	agctggatcg	tggtatgaaga	caagctgctt	gatgctattg	aagacgatgt	120
caaggctggg	ggatgcatca	ttgattggca	cgcattgtgat	cttttcccc	agagctggat	180
agatctagtc	gtggttctac	gagttgatcc	ctcgacgctc	tatgaccgtc	tcacagcaag	240
aaactatcct	gattccaagc	ttcaagagaa	ccttgactct	gaaatcatgg	aggttcttct	300
ccaggaagcg	catgaagcat	tcgatcagga	gattgtcacc	gagttgacaa	gcaacaattc	360
agatgagatg	gacacaaaca	ttgatcgcat	agtcgcctgc	tcgaccaatg	gaagaaggac	420
aacagcgaat	aagaagggtc	ttctaaaaaac	aagtttgang	anaaaacaaat	tcgcttcang	480
agttttgcaac	tacgttgang	cctggactac	nggtaccgta	tggtatggaca	tggtttgggg	540
gaaaatanat	ttttgataaa	aacctagggc	angctacglt	atgaaatggc	atgaatcggt	600
n						601

<210> 610
 <211> 444
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(444)
 <223> n = A,T,C or G

<400> 610						
cgccatcaact	tcttttatgg	tgacctgtgg	ggtaaccgct	cgcccatcgc	cgatcccaac	60
atgaagggtg	gcattgatcg	gttagacagc	gacaagagca	ccgacaacat	ggctctgtgg	120
tactatgcca	ccatggagtt	tatcgctatg	cagactcgcc	agattatcga	gcagatgaac	180
aattctggtc	atgagatttc	atccatcttc	atgtctgggt	ctcagtgcga	aaatcctgtc	240
ctcatgaaac	ttttagccac	tgccctgcgga	atgctctgtc	tgatcccaag	atacgtcaac	300
ggggtgtgag	ttcaaggcgc	tgccatgctc	ggcgcauung	cagcaagcca	tacaagggaag	360
atgggcagtga	cccgaaatctc	tctggacata	atggatcaca	tgagttanca	agtcgantgg	420
tcgactctac	cacgacnaag	atga				444

<210> 611
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 611

gcaaaagact	ctgaatgcag	gccaaagtttg	catgtctcat	aactacatcc	tcgtcgagag	60
aagtgtcctt	tctccattcc	ttggagaact	taacaatcaa	ctgcgaacct	ttttccccaa	120
gggtgccaaag	aacagtaccg	atctcgcgca	tatcgtcagt	gctagtcact	tcaaccgtct	180
caagaagatg	ctggacggaa	ctaagggcaa	gattgttctt	ggaggatcta	tggacgagtc	240
taccctgttc	atggagccaa	cggcggttct	tgttgatgat	gttgaggata	gcatgatggt	300
tgacgaggca	tttgccccca	tctttgcaat	catggcagtc	gattctctag	accaggctat	360
caacatcgcc	aactcggttg	acccaacacc	tctctcactc	agcacctttg	gaagcaagga	420
tgaaaacaag	aagggttctg	acaatgtcac	ttcagggtggc	gctacatgca	acgacgcctt	480
ctttcactcc	cagattcccc	agtctccgct	gggagggtgta	ggccantccg	gaatgggcaa	540
ctatcacggc	atctactcca	tcaggacctt	canccaacaa	gcgcaactat	cgccgaggtc	600
ctttactggg	gctgatgccc	tgt				623

<210> 612

<211> 872

<212> DNA

<213> *Fusarium venenatum*

<400> 612

ggaaagtttc	cogtctcgcc	tgatccttat	ctggacacca	agaactacac	ttgtgatatg	60
tttgactggg	gttacgctgc	tgctcttgac	cagaaccttt	gcttcaacat	ctatcacatc	120
actgatactt	gocctaccac	ttacagccat	ctcggaatag	tcaactcggg	cgactattct	180
cctcctgggtg	ctgaagtcta	cttcaaccgc	acagacgtca	agaaagctct	ccacgctcct	240
gtagacacta	cctggtaacca	atgcactcgt	aacaatgtct	ttggtttcgg	caaccccaat	300
tccactcgca	gogacacatc	tctcgctccc	gcccacaaacg	gcgtcctcaa	gcgcgttatt	360
gagcacacca	acaacacccat	catcggtgta	ggtcgcttgg	attacattct	tcttcccaac	420
ggaaacacttt	ttgctctgca	gaatgtaacc	tggaaacggaa	agcaaggata	ccagaagtat	480
cctcaagaca	agcagttcta	cgtacccttc	caccgcggaag	cacaatgggtg	gacggctcag	540
cgaggcgggc	attgttggaac	agtgggggata	tgagccgtgg	cttgacctac	tacgaagttc	600
agctcgccgg	acatgagctt	cctggataca	gcgcgcgtgc	gggataccgt	gttggtgagg	660
ctctgcttgg	aaggatcaag	aacctgggag	ttatcgaaaa	ctttaccaca	caaaagggtg	720
attatcaggg	taatggtaca	tcgatgagta	tgaggggttt	gaacctcgctg	gaacatcctt	780
atggacccaa	ctactattaa	gagggcgctc	agtttaatgg	aagtctatct	aaataattaa	840
aagaaacgaa	tcatgttttc	caaagaaaaa	aa			872

<210> 613

<211> 633

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 613

ctgaattctg	cttgaggggc	cttggcaagt	ccaaagtcag	tcgaactctgc	ccctaaaagg	60
catctctaga	ctttgggggc	gattcaatga	gttgaccatt	ccttactatc	ttcgagttcc	120
tgggttttaag	ctgtattctt	ggatcttttg	tgtcaatctt	gacgaagtgc	ccgaacccga	180
tcctcatgtc	tatcctaacc	tcgcactcct	cttctaccgc	actctcaagg	ccgggtgcgag	240
accgctcgac	caagatcctc	atactctcgt	ttgcccctcc	gatggcaagg	tcctccaata	300
cqgttcagatc	caaggcggtg	acatcgagca	agtcaggqgt	atgaacttaca	gcatacatgc	360
ctctcttggg	aagaacacac	ctctctgcaag	cattctgggg	acttggtggc	ctactacacc	420
tgggactagc	ctaacttcac	cgacgtatcg	gacgaagaag	cccttatcaa	gcaggatgcg	480
gaattctctc	ggccaatggc	atttngtaca	ctntttccga	tcttcttttc	ngnaactggaa	540
aacgtggctc	ttcantaaaa	ggatgagtn	atgcccnat	ttctctggna	aagtttntga	600
agttggcncc	caactccttt	ggngaacca	cct			633

<210> 614
 <211> 685
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

<400> 614
 ctaccactca aaaccaccca aaaccactcc tnttcaaata agccaaaatg gagaacgacc 60
 gggggcagat tgtggacctt tacgtccccc gcaagtgcag tgccaccaac cgcacatca 120
 agggccaagya tcaaggntct gtccagatct ccatcgccaa ggttgatgan aacggccgtg 180
 ccgtccaggg cganaaccac gtctacnccc tctgggggtt cgtacgagcc atggggcgaga 240
 gcgacnactc cctcaaccga ctggcccagc gcgatggcct tctnaagagc gtctggagcg 300
 gacagcgata aatcaataaa gcgaatggaa aaaagggttt tgggttcggg cacgaaggca 360
 atgggtgaaa gaaactaggg ttggctgcat ctaacaaatc cacttcgagg cgttcggctc 420
 gattttgaga caacattacg atatcccgaa tccgtgtttg aagatgtgat gaactggtta 480
 cactccccc cgatacggct ggcgaaagtct cctcggacag acttcacaag tcaaccact 540
 ccgaggatct tggggctact ccgatagtct ccatgccgca gattgactag gctctgaaaa 600
 agccgtagcg ctcaagtcgt ttgctatggt acagatcggg tctaactga attttcaatt 660
 atgtgattat cttgngaaaa aaaaa 685

<210> 615
 <211> 517
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(517)
 <223> n = A,T,C or G

<400> 615
 cgacaagatc gagacacata agggccaacgc ttggctcctc aacaccgggtt gggtcgggtgc 60
 cggtttcgct cagggcgcca agcgatgcc cctcaagtac acccgtgcc tcttcgacgc 120
 catccactct ggcgagctcg ccaacgttga gtacgagaac tacgggtgtct tcaacctcca 180
 ggtccccaag acctgcccc acgttccttc agagctcctc aaccttcca aggtctggac 240
 cgttgccgag gacagcttca acaccgaggt tgtcaagctc ggcaagctct tccgcgagaa 300
 ctctgccaaag taagagagcg agggcaccga ggatgtcgtc aaggctggcc ccgttgtnta 360
 aggaaaagga taagaagggy aaaaaaggga aagcgatctt ttttttngga tgaatttgag 420
 caactgttta ccatttgggt ccngcgtcat tacatggngg ncattaaccg gntgcccttt 480
 ttttttaatt ttatatTTTT gaanggggtt tttttt 517

<210> 616
 <211> 605
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 616
 atcatctcaa ccgactccac cggccgccaa tacctcaata gcaacctctt cctttcgact 60
 cacacataac cgcaaatatg ttccgatccg ccgtttctcg atctctccgc gtcgccgcc 120
 gacgggcgc catccgctcc ttccgtgctc ccccgctcgc ttccgttgcg gttcccaana 180

tccagagctt	ccaggccgtg	cggttctaca	gtgccggnng	tgcgctcaac	aaggaggagg	240
tcgagggccg	aattatgagc	ttgttgacag	gcttcgataa	ggtcaacgat	gtttccaaca	300
tcaagtcctc	cgctcacttc	gccaacgacc	tcggcctcga	ctctcttgac	accgtcgagg	360
ttgtcatggc	tatcgaggag	gagttcagca	ttgagatccc	cgacaaggac	gccgactcca	420
tccactctgt	taaccagggt	ggtgagtaca	tccatgaacca	gcccgaacgc	aactaaacgg	480
gttaatactc	catatacccc	caattaccgc	gcataccaaca	acctcttttt	tctgggtctt	540
tcnccctnc	attcttggac	aattatntta	acctnttcat	ccaatccaat	aacgccgaac	600
cccgg						605

<210> 617
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 617						
ggaaacagct	taggtatgag	gacctgatct	gaaagcaaaa	tacaagacaa	catcatttcc	60
cctcttcttc	ttaaaccttc	ctttctcttc	tttcccttct	atattcccca	tcctcatcca	120
tatatcgata	aaatggctcc	tgcaaacttc	ctccccgctt	ggtctgacct	ccagtcgcac	180
cgcgacagcg	ttggcaagtc	cttcgtcttc	aagggaagct	ttgcttctga	ccctcagcgc	240
ttcgaccgat	tcacccgcac	ctttacctct	ggtggcgctc	gctccgagat	cctcttcgac	300
ttttccaaga	acttctctac	cgatgagacc	ctcgacctcc	tgttcaagct	cgctgagcag	360
gctggcgctt	agaaaaagcg	cgatgccatg	tttgctggcg	anaagattaa	cttcaccgaa	420
gaccgcgccc	tctaccacac	tgcttgcgaa	aggttggttg	ttgggacatg	aaagttgaag	480
gcgttgatgt	tatgaacaca	cagggcggng	tcaacaatgt	cctccaacac	atgaaggagt	540
tttctgaaca	ggttcccagc	ggaaagtgga	aaggatc			577

<210> 618
 <211> 619
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 618						
aagtccctgt	ccccatccag	gagcacatca	accgcctcgt	tqcaattcga	gcgcaggctg	60
acatcatggg	ctctgacctt	ctcgccattg	cccgactctg	cgccgaggcc	gccacctctc	120
tttccacca	cattgacccc	cgcgatcatg	ccttcactct	aggctccacg	aaccgcacac	180
tcaagcctct	caacgatctt	atgatcgctg	ctgaggctag	tggtaaatct	ggtgttgagc	240
tgcaacgtat	tgaggacgag	tggtcttgcc	aaggcccaat	cttagcaagt	ttcgacgatg	300
ctgggtgctg	ccgccattgg	ggcggggttc	ttttcttntg	ataagacttg	gcctctaaga	360
aaaaaaatat	tattttccaa	ggtaangggg	ggaaagaagc	aacttttgag	ggccaggggc	420
ttgtctctcc	tgcaagcttg	aatccggnc	ggggaatatt	tttttttttg	gaatngggga	480
atgggttccc	ccggaaaanc	ccaaggetac	ttccgtttaa	agtggatgtn	attgcccatg	540
aacgggncat	acatatgcac	ctttatttga	accncttgg	atgagncaan	tgccccatcc	600
ccnnacccaa	angtcccga					619

<210> 619
 <211> 450
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

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<400> 619
gatactgtga agcgcaagat gactgaaggc gatggaatgt cactgggtga atttatgtat      60
cctctccttc aaggatggga cttttggcac atgtacaaca aactcggnat tcagatgcag      120
attggaggct ccgaccagta tggaaatata accgctggta ttgatgccct caagaccatt      180
cgcgaaaccg aggaggctcc ccacctgaag atgccgtcga catgggacca tgagccagcg      240
gnttcactgt tcctttattg actgatgctt ctggngccaa gtttggcaag agtgcaagaa      300
atgctgtctg gctcgatgag ttcaaaacaa cgccattcga tctgacngat ctttggccac      360
cctcaaccac gagggggaga ggcttttaag ctgttacctt cttcctttgg aacaatctcc      420
aaatatggng gancccgacc attnccaaga                                     450
```

<210> 620
 <211> bbb
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

```
<400> 620
cgccaagagg gctgaccctt ggctccagaa tctctaggtc ctctaaaacc tcccgttttg      60
gcatttccac agactcgtag cgcatacacg ctccctttgtc aagagctcgt ccacnaattc      120
gtccatgtat gacaacttta caccttccct tctctccctg ctnagtgttc gccatacttc      180
gagaaaagggt tccagcatct cgtaaacatt ctttgcttgc cgtgtgagtc ggaagtaaaa      240
acacgcaagt gcgcgcagat atttgaaggc ttccacgcgc aatttgagat attccagtaa      300
taacgcgtcg ctaggcgaaa gctcgagaag cttgaaggcg aggcacaaaa acggaactggg      360
taattgtgtg gtccatatgt acctccaata aactttgaca tctctgacaa cgcgatcgac      420
aatatcggtc tngttgcacc caaaacattg cattttgtaa tatatcgagt cgacnatgcg      480
gnccctgaen ggctttttcc attataatcn caagggttga aggcgcgttg gcccaccccn      540
aaatattgga ccc                                                         553
```

<210> 621
 <211> 650
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

```
<400> 621
ccgcagccca ccgtcaaggt cgaaaaaaaa atcaccaaat ctatcatact aacccgacca      60
aaaataccgc agcccaaccg caagatgggt tccgcbaaga agcacgtccc tatcgtcaag      120
aagtgccaca ccgcgttcga acgacaccag tccgatggtt tcatgagagt agacccctca      180
tggcgtaagc ccaagggtat tgacagccga gtccgpcgtc gattccgttg caccattgac      240
atgcctctca tggggtacgg atccaaccag aagatccgtt acatggcccc ctccggttcc      300
aagggtctct cgtcagccac aaatcagatg ttgaactcct ctttatgcat aacaggaccc      360
atgctgcaga gatcggccac aaacgtctct ttcnrgaaag cgagttgaga tcatcgctcg      420
tgcbaagaaa ttggggggtc aaagncaccu acccgaaggc caagggtanc accgaggggt      480
aaaangaaat ggatcgggtt tttgggctgg tttacngyta tgcattcgaa gggggattgg      540
gttacttggg ggtctggcca taaatcatgc atgctagaaa ataaaaacc ccggtgaaag      600
acanggcact ggnattttaa ccgttnaaca gcaaatTTTT tggagtntaa                                     650
```

<210> 622

<211> 610
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 622
 cttcaattgg gtttcaccac tctcgcatat atagggggaca ttgacccttg gtcacttcaa 60
 cttcacatca tacacaatgt ctacacacga aaaggaacac aacgtcgctc aggcgtcttc 120
 anaaacgcga gactcagatt cacctgctcc cggctttcgt cccaaaggat ggatgtacaa 180
 gactattcgc ctgcggcgtc tagagctctg gtacgcctca cctaaagtc aactcttcat 240
 ggtctccatc gtctgcttcc tatgtcccgg catgttcaac gccctgacgg gtcttggtgg 300
 cggcggccag gtctctaaag agggcccaaga tcaaggccaa acagctcttt acagcacatt 360
 tggcgtcgtt ggcttctttg ccggaacttt tgcgaatagg ctgggactga gactgactct 420
 atccattgga gggtcgggtt attgngttna cgtctgcttc ttcttngtt actcgcatac 480
 tcaaaacatg ccttttgctg tctttgctgg tgcctgctt ggcgtttgtg ctggactttg 540
 ngggtgcta agcctntatc atgatgttta tctctgaca aaacaaggga caaacatctc 600
 tggtttggnn 610

<210> 623
 <211> 660
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 623
 cactctcacc tccaatctcc atctctctct tttttgtatt attctccatt ggcgtgggag 60
 tctaattctgc tgtgtcttga atcattctct tctctgtata cctccacat aacaatacac 120
 atacacaaca atggctccta gagtgattgt cgtaggcggg ggctctctg gtctttctgc 180
 tgcgcacacc atctacctgg ctggcggcaa cgtcgttgct ctgcacaagc agggcttctt 240
 cgggtggaac tctaccaagg ctacttccgg tatcaacggt gctctcacia gaacgcaagt 300
 cgacactggc attcccgaac gcgtcaagca gttctacgat gatactctca agtctgcccg 360
 tgacaaggcc cgtcccgaac tcatcaaggt cctcacctac aagtctgctg ctgccgttga 420
 atggcttcag gatgagttca acctcgaact cactctcgtt tctcgtctcg gtggctcact 480
 ccagccccga acccaccgag gacacgatgc caagtccccc ggtatggcca tcacctacgc 540
 cctgatgcac cgtcagagga cttgcccagag caaccggccc ggtctgagat catcaagaag 600
 gctcgcgtna ccgagcttaa caaggagggt aacaaggna ctgggtgtca agtaccacn 660

<210> 624
 <211> 750
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 624
 ctttgattca caaggagcga cgacccatcc gattcaccga gcacgaaaac gcgagtatga 60
 tggttggttg tgacgtttcg aaccgcctct gcactctggt cgacgacatt atcgacaccg 120
 gtaacaccat cacacgagcg gcgaaacttt tgaagaagga gggcgctact aaggtttacg 180
 cctcgtcacc acatgggtgtc ttcagcggcg actccattgc tcgaatcaat gcttctctca 240

ttgacaaaat	gctgggttacc	aactccgttc	cccaagaaga	gcacgcgcga	ctatgccccca	300
agctcgaagt	acttgatata	tcgcccgtat	ttgccgaagc	cattcgccgc	gttcaccatg	360
gagagtccat	cagcgtggtg	ttccagcaca	actaanagt	cggtatcgca	cttacgggtt	420
gtctacaaaa	gtcccgcctc	gattacttan	gggcgtgaag	aatgtttgaa	agatctgacc	480
gcggaacang	caaataccgc	tttttgccat	tgatgtcgca	ggatcttata	cctccttgca	540
acacatttaa	atgaactggg	atgttcctat	ttggaattta	ttggggcaca	tcatactat	600
attgcatatg	tcattcgnc	gatatngctt	actgggcatt	ttcttttctt	gacgttttnc	660
atttacactc	gtctacgtat	notgataagg	aatgggggtat	cacacaaccn	tgtgtgaana	720
gggtatngga	ngaaagggat	tnttnaccgt				750

<210> 625

<211> 414

<212> DNA

<213> *Fusarium venenatum*

<400> 625

tggagttgco	acacccgcgc	acggggcgct	catgatgcag	ctcggtcgcg	acgggtgtctt	60
tgctcggaagc	ggaattttca	agtctggaga	ccctgccaaag	cgagccaagg	ctatagtgcg	120
agccacgaca	cactttaagg	atgccaaagg	tcttgacag	actagcacgg	gacttggcga	180
ggccatgggt	ggaatcaact	gogatagcat	gaagccagag	gagaagcttg	ctggacgagg	240
atggtaaaga	aaaaaaaaatt	gtttattggc	gttgacaggag	agggtttatt	caacatgaaa	300
aggaaatgaa	tggttaaaga	aaatagtgc	tggtggagag	gatacaacat	ctctgggtga	360
tgcataagac	ttagcgggtg	tatttgcacc	ataatgaata	ctttttaaga	cgaa	414

<210> 626

<211> 548

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 626

cttcaactcg	acatctgtct	ctgactcaag	tcttatgtat	agactcgcag	caagccgata	60
gtttctcaaa	caaaagattg	gatatttata	aactgctctt	gttgcatctc	gcgccatgca	120
tatccagtcg	attcctatgt	gggaggggag	ctccaacaac	tacgcctact	tggtagttag	180
cgacaagtcc	aatgatgctg	tcatacttga	tcccgccaac	cctccagaag	ttgcaccgat	240
tctgaaggat	gctattcaag	cgggcaagat	caacttgaca	gctattgtca	ataccatca	300
ccattgggat	catgctggag	gcaacaagaa	gcttcttgcc	gaactcggca	cccccaagtt	360
ggatatcaco	ggcgccaaag	actgcgaagg	cgtagccaag	acccctggta	cggcgagAAC	420
ttcaagctgg	gtgacatcgc	tttcaaaagg	gtgcacacgc	cgtgcacac	tcaaganagc	480
atctgcttct	togtgcaaga	tggaaacgac	aagntgtttt	tactgggtgaa	actttgttca	540
tccgaaga						548

<210> 627

<211> 627

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 627

ctttctctcat	ttcttttctgg	cgccccaaat	ggctaaaaacc	aagggtcaaaag	gcatacaagaa	60
caaagtttgtt	aggaaaccca	atgttccctt	aaaggcattg	cctgtgacac	tcctttctgg	120
attccttagga	gcgggtaaaa	caactcttct	tcaacacatc	ctccgaagtg	aacacggcct	180

tcgcattgca	gtggtgggtca	acgacatagg	agctatcaat	gttgatgcat	ctctcatcaa	240
gcaaacecat	cgtgtcaaca	aaacacaaga	gaaagtcaat	gcccttcaga	atggctgcat	300
ttgctgtacc	ttacgaagag	acctcctaga	agagctgggt	cgactcgctc	agttacaaga	360
gtttgactac	atcatcatcg	agagcagcgg	gattagttag	cctgagcagg	tcgctgagac	420
gtttgactcg	cgggtggcgg	ancaaataga	tgccatgggg	tctatcgaag	gtgcacctgg	480
gcttgacgct	gacatgatca	aagttctcaa	tcagctaaaa	gaaactgggtg	gtcttggaag	540
agtttgccag	gctcgatacc	ccgttactgg	cattgatgca	ttcactatgc	tccatgactt	600
tgacacaagt	gaccttggtt	tcttttn				627

<210> 628

<211> 517

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(517)

<223> n = A,T,C or G

<400> 628

tgaaggagaa	gacttgactc	aacagttcat	tgtcaatcat	ggaggctttc	aagactcacg	60
gaggcgctcag	tcccattccc	actgtcatcc	ctgaaccaac	tcactaccaa	accatcggcc	120
acaatggcgt	tgcgctcta	tgggttctct	tgcgcgccat	gaccgtcgctc	tccgccatct	180
tcgccattat	gtcatggaac	gtcgccgtcc	agcgccgcat	tttctacttc	ctgtccacct	240
tgaccaccat	catctctgcc	cttgccctact	tcgccatggc	ttccgggtcaa	acctcgtact	300
tcaactgcac	cagcgtgcgc	gaccaccaca	agcaggtccc	cgacaccaac	acgatgtctg	360
tcgccaaagtc	ntctgggcgc	gtacggttga	ctgggctctc	tccacaccan	tctgattggt	420
gagcttgctt	gttgggtggg	ttgatgggtg	cacacatcat	ggcgctcattg	ctaattgtcac	480
cttgctctcg	ctggggcttc	tctgcgtcgn	catgcaa			517

<210> 629

<211> 435

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(435)

<223> n = A,T,C or G

<400> 629

agggaaaagga	ccgctgcaag	cagtgttaacg	gaaagaagac	cactgtcgac	cgccanggttc	60
tcacacgtcga	cgtcgacaag	qgtgtccgca	gcggcaccaa	ggtcgagttc	cgaggcgagg	120
gtgatcaanc	accgggtggt	caggctggcg	acgtcttttt	cgagatcgag	canaancccc	180
atgctcgttt	caccgcgtcn	gaanacgata	tgctttacaa	ctgcgatata	gagcttggtt	240
cgactctggc	tggtggtacc	atctacattg	ancacctcga	tgaccgatgg	ctggctggtg	300
atctctcttc	tggggaggct	atctctcaag	acgtgtgcaa	aatnattcgc	ggcaangtat	360
ccctcccccga	gcaccacgac	tttnggcaac	atgtacatca	agttcacgct	aaagttcccg	420
aaaanaactg	accgt					435

<210> 630

<211> 359

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(359)

<223> n = A,T,C or G

<400> 630							
gtcgggacca	ggaaggtcgt	ccagactgnc	tacctctctca	ttgacaacga	ccctcacttc		60
aagcgagtcg	ttggatatgc	ccgaacctcc	gattacctng	ccggcaccgc	cgctgccgct		120
tttgctcctg	cagccctcta	tgctcttgag	aagtttgccc	cgtcacacgt	aggaaaaagg		180
ggtttcgcta	aggctatgcg	attggccgga	ggcatcggtg	tcttgggcgg	ntttctctac		240
ttntacccaa	gacgggccct	ccgatctacg	gtgctactga	gaactnccgc	gaaattcana		300
tngacatncg	cnagatgggt	gncaangtta	agaangngna	gcctctgtat	ggagttagt		359

<210> 631
 <211> 647
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 631							
ccaaaatttc	ccatttctct	ccttgacttc	accttctctc	tttttttctt	aaaccccccg		60
tttctagcat	catcattggc	tacttcttct	atctcgaatc	gccaatttat	cgtagcgtgag		120
aattcgggtc	tgtgttgata	aaaccgtgac	ctccttctta	atcttcgtct	actctcgtta		180
cgacacctat	tgacacgcgt	ctcctgggtat	atccaacccg	cactttccta	caagtccttc		240
cacttcgaac	gttcttgata	tttcaatatg	gcttctcctg	gcagcgnagt	ccccagcggt		300
ggncctctct	gcctcgccca	ccaacgttcc	ttctcagcca	ccccnngctg	ctgacaacag		360
gaacattgtc	cgaagaaagc	tcacgggcta	tgtaggggtc	gccaaacctgc	ccaaccaatg		420
gcaccgaaag	agtgtgcgca	aaggntttta	ctttaatgtc	tggtcgttgg	tgaatctggc		480
cttggcaaat	ctacactggg	tcaacacctt	gttcaacaac	tctctctaac	ccccccaagg		540
aaacgcaagg	ggccccagcc	tcgacattat	tcccaagacg	ttaccatcca	ntccatcagc		600
gccgatatcg	aagaagctgg	tgttcgtctt	cgcctcactg	tcgtcga			647

<210> 632
 <211> 1044
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1044)
 <223> n = A,T,C or G

<400> 632							
ncgtctggaa	catnattggn	ggttlleggna	tcggntgccc	tcctcttatg	aagntnggca		60
agaaggcact	canggaaccg	atcatgcccg	gtattctcag	nggcagagaa	gcnaatctgc		120
ttggctatca	ctgagcctga	tgctggcagt	gatgttgnc	acttgacatg	cnaggccaag		180
ttgagtgagg	atggaaagca	ctatattgan	aacgnggaga	agaagtggat	caccaacggt		240
atctggtaac	gactacttta	ccgttgctgn	acgaactgga	gaggctggaa	tgaacggcgn		300
gtctctgctt	ctnattgagc	gtancgaggg	tgntcagncc	cgacgtatgc	cctgccaaagg		360
tgctctttct	tcaggccaca	catatatcac	ctttgaggac	gtcaagggtcc	ctgtcgagaa		420
ctctcttgya	aaggaaaacc	aaggcttcaa	ggttatcatg	accaacttca	acnatgagcg		480
tatgggtatt	atcatccagt	cactccgatt	ctctcgtggt	tgctacgagg	agtcgcgtcaa		540
gtacggcagc	aagcggcgca	cccttgggcaa	aaaactcacc	gaccacctcg	tcctccgtat		600
gaagcttgcg	catatggccc	gccaaataga	ggcttcgtat	aactggcttg	agaatctcat		660
ctaccagtgc	gagcgcgatg	gggagaccga	ggctatgctg	cgacttgyag	gtcccatcgc		720
tggtctcaag	gcacagtcct	cactcacttt	tgagttctgc	gcgcgagagg	ccagtcagat		780
ctttggaggc	ctgagctact	ctcgtgggtg	acagggcgcc	aaggtagagc	gactctacgc		840
tgatgtgaga	gcgtacgcta	tcccaagtgg	cagtgaagag	aatatgcttg	atctcaacat		900
gcgacagagc	tttgagaatg	gcgaaggcgg	taagcatgaa	actctaaaag	aagttgggat		960
taaatgtcct	gtatgaatac	tgnaacctcat	tgnggagttt	tnaagtattt	attggaatat		1020
taaccatggc	ttggaatatg	aagg					1044

<210> 633
 <211> 573
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

```
<400> 633
cgaactctac aaagaatccc caactctacc caggaacccg aactcttctt cgcgcatcatg      60
aacgcgaacga acagcgaant cctgtgtgcc gcttcagcat gaaatttttg gtgctgccat      120
gggaacacca ccgaagggtc tcttcgcgcc ctgggccaac ggaacotttg gtctcaacgt      180
tgtttggggc ttcagcttcc acgtttggtc tgggtgcttc cgaccccttc ccttctacaa      240
aggcgcgttc cgaagccccc gccgttttcc aacaggcacc cgacttttgg gtnccgcatg      300
cacacccttg acnttggttg tggcttctgt ggcgaaacct ttgaagccat ggccaacgtc      360
ctccgtggcg ctctcgatga attcttcccg cctcacagcg gcgtcganat catcgccgaa      420
nctggtcgct actatgttgc tacgggcttc accatcgctt gcaacatcat cgctcgccgc      480
accgttgaag acctactctc natggaaaag gttacatgct ctacgtcaac aacngtgtct      540
atggaaactt ctccaacatc atgtttgaac aac                                     573
```

<210> 634
 <211> 361
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

```
<400> 634
attgccatca ctaaggctca tatgaagctg ccagaacttg ctgagagtgt caaggctggg      60
cgactggtgc cggatggcaa agtgtgcctg aacgatcagg gtgaattggc tgtcaccaag      120
tttgcggtcg agccggtctg gtatctgcct ggcgtagcag aacgatttgg tatcgatgag      180
gccactcttc gacgttctgt gttcgaacac actggtggaa gttacccaga gctcattact      240
cgnggagaca tcaaagtctt nctccaccca ttgggggtct caccgngtct gtttcggaac      300
cctgnaaaat gtcggacnat cgggtcaattg ttntgaaaat cacaacaggg cagggggcca      360
c
```

<210> 635
 <211> 316
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(316)
 <223> n = A,T,C or G

```
<400> 635
agattacaac ctcaactcanc tggatcgctc gccaaaactgt agaggngcgn actaacatng      60
tatgggngga ggggtgctct gaatatgenn ccttaccacg cgaggcncnc gaaattatta      120
ccaagaacccg accccctgtc tnttggcctg tcaaggggca ggttgatttt gtnaactata      180
gcacacgtta tcngnagggc ctggacttag tgctcaanaa tattagcctc aacatcaagt      240
cncacganaa gatcggcgtt gttggtcgca ctggggcggg caagtcactc ctcacactcn      300
ccttgttccg tctcat
```

<210> 636
 <211> 468
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

```
<400> 636
gcaattnaac catataccnt ggagcgcgca tttgcaaatt actgccaaaa aatcactcaa      60
tcaagacgag aaagctcttt ttataaacat aatatttnaa catgtcgtgg gcgggggttna     120
agaagaatgt naaccgcgcg acgacgcagg ttatgatgaa gacggggcac gtggaaaaga     180
caaacgatcg cgattatgaa gtcgaagaaa ggcgattcaa gaccatggaa gcagctgctt     240
tgcgactaca aaaggaatca aaagggttate tngattctct negagctatg actgcttngc     300
aaaagcgaat tgncgaaacg atagatgcac tntatggcga cgcangtgcg gaaagancgg     360
ngtttagcagg agttacaaaa cangcagtnt gaagatntaa cgcgcgaaaca tcaaagcctt     420
agacgggcna taccggaaca ctntcttgac cccatcacac gaatttgg      468
```

<210> 637
 <211> 650
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

```
<400> 637
agcaggactg gaacgaacca aacacaaatga acggcacaca atcggttggt tgttcagatt      60
gcattggctc cgccattatt ttcattcacc atcagaccct tgccttcgtg cgctgatatt     120
tgccgcatac caagatacat tctgggccat cactaacctc tttctccta ttctagatct     180
caccaactct cgcccatggc ccaactcccc tcactctcgt ccgtcgaaga cgccgccgaa     240
aacactgcag acgaggaaga ttctgaagac tactgcaaag gtgggttacca cccagtacag     300
gttgagaga agtttaaaga cggaaaatac acagtcgttc gcaagctang atggggccat     360
ttctcaaccg tctggcttct ccgagacaac accaacggca aacatgttgc tctcaaggct     420
gtccgctccg ccgcccacta tnccgagacc gccatcgacg anatcaagct tctcaataag     480
antgttcang ccaagcccga ccacccangt cgcaagcatg ttgtgantct tttggactcg     540
tttgagcaca anggaactca tggcncaccc tntgtttggt tttcgangtc ctangananaa     600
acttgctccg gctcatcaag gtttggaacc atcgtggtat cccatgcctt     650
```

<210> 638
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

```
<400> 638
ataaagagcg aatbcaagcg cagcgaagcn tttcaggtcg atttgcgcga atttctggat      60
gatgctctgg tagaggcctt tgatcttcga gaaaqtatgg atcgtaacga agagcaatca     120
gatcccagct ctaaggagtg gtggatcttg aagccaggca tgagtgatcg aggccagggt     180
atcaaactct tcagttcgat ggacgagctc cagaacatct tcgatatctg ggaggaggac     240
cagcccgata ctgacgatga agaggaggtc gctgacaatg acaacaatgg tgacggcatt     300
acaacctcac atctccgaca tttctgctcg cagccatata tccacccacc tctacttggt     360
```

gatggcgaaa	agcgtaagtt	ccatatccgc	acatacgtaa	tgtgcaccgg	aagccttgat	420
gtctgggtct	acaagcatat	gcttgcgctc	ttcgctggca	agccatacac	tgcacccgca	480
gatgcacaga	agacattgag	tctttcctga	ccaacacatg	tcttcnagac	tcgccaaacn	540
anaacactgt	tcgtcnnttc	ctggggacct	gcctctatca	agcgacatg		589

<210> 639
 <211> 582
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 639						
gttgctttat	cttcgacgag	aaqgtcgagg	cccttgcaact	caaggaggag	ctccagaagc	60
cttaccgcga	gatccaggcc	aaggcccgaa	ttattgccaa	ggtcagccag	gagtgcgaagc	120
ttgacgtcaa	cgaggaggaa	tatgcgcaga	agcttaagtg	gcagcttatg	gagacgggtt	180
acacatgggc	ccaaggctgt	ccatttgctg	agatttgcaa	aatgacaaat	gtctacgaag	240
gctcacttat	ccgtcttttc	cgctgtcttg	aagagcttct	gcgacagatg	gcccaggctg	300
ccaaggctcat	gggcaacgag	gatctgacca	agaagttcga	ggagagtctg	tccaagatcc	360
gcagagacat	tggtgcccgc	cagagtctgt	actataaagt	cccctttgct	cgtagaataa	420
aatgctacaa	ggggcagcca	cgaaaagggg	gatgatatgt	agattctgan	ttatcattac	480
tggttaaggag	ttggcgctcn	ggaaaagatg	ttcaattanc	tgtgatccgg	tancaattcc	540
ctctggccat	gttgggaaca	aaccgggtcaa	anccaggaat	cc		582

<210> 640
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 640						
gaacctgggt	tttttcaata	agatcagttt	ccgtcnaccc	aaantggagg	aagacagacg	60
acagaccgat	ctcggcacag	cagccgatat	cgaagaggcc	cagctcgctc	aggctagccc	120
atcccccgcc	attgaaaatg	agacagagtc	agcaacacca	cagaacgggg	ccacgccgnt	180
gaagcngccc	aanaagagat	ttgtaggaaa	aagaatcgct	aatgagggtg	ctgcaaanaa	240
tygatcgtcg	ggggctgctg	gtgcaagcgg	cactgtcgca	actgccaaac	cccggaagagc	300
gcccagacta	ttgaatcaag	ttcctaagga	aattctcgag	aatcctgata	tgaaggctgc	360
tattgctttg	ctaccggcca	actacaactt	tgagattcca	aagacgattc	atcgtatcca	420
gacctcagac	tccaagagag	ttgcgctcca	gatgcccgaa	ggcctccttn	tttttgctac	480
taccatctcc	gacattctga	cccaattctg	cccggtatc	gagactctna	tnatgggaga	540
tgtgacctac	ggngcatgct	gtatcgatga	ttacactgng	agggcccttg	attgcgactt	600
gntqggngca	ctatgctcac	aagnttgctt	tatnccttg			639

<210> 641
 <211> 634
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

```

<400> 641
gatgatgata tcantgctnc ccccgatcg ataattgccg aaggagctgc caagaagaag      60
aaaaagagaa ngccaaagaa gaagaagaag actgctnccc agcaatcttc acctcccagg      120
gttccccctga gtgagctctt tgcaaacaag gattatcccc tnggtgaact ccagagctat      180
tctgatgact ttaacacggc tcgtactact gctgaggaag ttcgctacaa gattcgtcga      240
cagctngagg accctgnttt tctgaacgat tatcgcaaag cggctgaagt ccacgctcag      300
attcgacagt ggactcagga gaacgtcaag cctggtcaca ctctcaatga gatcgccaat      360
gggtgttgagg atggtgtacg tgcgtttctg ggaaaccagg gaattgaacc tggtgacaac      420
atcaagtctg gantgggctt tccgacgggt ctttgtctga accatgaaac tgcgcactac      480
acgcctaate ctgccaaaag gacgttggtt tcaagtatga ngatgtcatg aagggttgatt      540
tcggcgtgca aatcaatgga tggattggan acngggcggt taccatgtn ttttgatccc      600
accgtatgat aatctnctan cggtggtcaaa gatn                                     634

```

<210> 642

<211> 609

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(609)

<223> n = A,T,C or G

```

<400> 642
acgatttcat catcaaatcc aacgagttaa ggagtcgtgc gcgtcgnccc catcgtatcc      60
tggctctcct atctcttcgg caaaccgcga gttgcctgta cctattatgc tagttggcaa      120
caagagcgat ctgagtcacc gagagagagg tttctacaca agaaggtcac gccctcgccc      180
gcgaactcgg ctgcgagttt gtggaagctt tcagcgaaga actgcatcaa cgtcnaaaag      240
gcgttctacg acgtcgttag gattctacgc cggcagcgac aacaagcctc tcgtntctcg      300
gaaagatcaa gtggacggac acnaacaggc aatggcgatg cagggggcgg cgatcgagac      360
gaaagacaca gaaataggaa caaggccgaa acaagtccaa atgcgtggta ttatgagtgg      420
atcataccat catggattaa agggatccat atgttaaaga ggaggaaaaa taaggnggac      480
gaacaaattg agaccaaca acgacaacag gccagggtaa ngaccacata taangggatc      540
cttttggcga acangatntc cccatgattt taaaaatgat tggcaanatc cgggggaaga      600
caaaaaaaaaa                                     609

```

<210> 643

<211> 488

<212> DNA

<213> *Fusarium venenatum*

```

<400> 643
atgcacttca agaagaactgc ctccatcgtc gagcaagatt tcatcatggc cactatcttc      60
gttgaccgag tcattgtctt tgacggacag cctgggtatt atgctcacgc caacaagccc      120
gagtctcttc tcaactggctg caacaccttc ttgaagaacc ttaacgtcac tttccgccgt      180
gacctacca actaccgccc ccgcataaac aagaacggat ctacgctcga ccaagagcag      240
aagctggggc gcaactactt cttcttggag gagaaccttg accagagcta aaggcgttta      300
naacgagact ctgcctcccc ttgatgggtg atctcccggc gtttgtggcg ttcaaaatgg      360
gaatcgggaa aadcaacqqa acttaggaat atatgatgag cgcagcggcg gggaggatga      420
ngatccagac gaataacgat ggtgacggga cggctatccc tgttgtctgg tccctacgaa      480
gacgttgg

```

<210> 644

<211> 596

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(596)

<223> n = A,T,C or G

```
<400> 644
gtcttttgccg tcaactccctc tcgacaatca cctcacaatc ttccaaaaaat gctgtcaaga      60
agtatagcta cggccagccc gtatggtgcc cgctcggttg ctgaggcccc gtgcgcaccc      120
tcttgtcatg ctctcttcca tgatgcagac cgttcgtacc tacgccgatt ccgtcatcaa      180
ggccccccag atggcccgagt ccatttctga gggtaacctt aaacagttct ccaagagcgt      240
tgggcactat gttgcccagg atgaggagat tgctacaatt gagaccgaca agattgacgt      300
tgccgtcaac gctaccgagg ccggcactat taaagagttc cttgtcgcgg aagaagacac      360
cgttactgtc ggccaggatc tcgttcgcat cgagcttggt ggtgagccat ctggcgacaa      420
gaaggatgcc ctaaggaaaa actacaaatt ccgaattcca agcaaaccta cccctaagca      480
agatncccc ganctaaaaa gaagcgtccc gctcccacaa nccgaagntc ccgacgccga      540
aaaaacatca atcgatctcn ctcacngcct cttggtacgc aaaactcctc aaataa      596
```

<210> 645

<211> 637

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(637)

<223> n = A,T,C or G

```
<400> 645
ggcggattca tctctttgtg cgacatcacc aatctcttca ctgtctcatt acccaacatg      60
attctccgga gtaaaacact tgctgctggc tcanccgtgg tcgctgtagc tagtgcttcg      120
caacctggag ctccggcgcc tgtaccaggt cccatgagag aacttacttg gggtcagatt      180
aactttatcc acacaacgga tacacatggc tggattggcg gccacttaca agagcctcaa      240
tattctgcgg attgggggtga ctacatctcc ttccaccaagc acatgcgcga cgaagccgac      300
aagaagggag ccgacctact agtcacatgat accggcgatc gcacgcgaag aaacgggacta      360
tacgacgcct caacccccaa gggcctcttt caatatgata tctacgccga agccgacgtc      420
gacatcatgt ctactggcaa ccatgaactt tacaaaagtct actcggccga tatggaacac      480
aacactaccg ttcccaacta caagaacagc taccttgcac caaacctcga ctacatcagt      540
ttcgaaaccg gtgatcgctg tccacaagcc ccacgctaca agaagttcaa gacaaaagaa      600
ccaaggggtc caacggttggt gctttcggct ttctttt      637
```

<210> 646

<211> 602

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

```
<400> 646
aaaacatact caatttctcc ttctctagcc attagcgatt taaccgaccc gaacagggtcc      60
ctaggatttca aaatggccgg aaatttttgg gatgttcgcca agcaatttgg tgagttctac      120
tacaacaccc tcgacaactga tcgcaagggc ctccgtttctc tctaccgacc tcactccatg      180
ctgacctttg agttctgttc cgtctctggg gcgcgaagctg ttgttgagaa gcttgccggc      240
ctccctcttc agaaagtcaa gcaccaggtt tctaccatcg atgcccgacc ctccaacgag      300
cagggnggca tcatcatcct catcactggg gctctttctca tcgacgagga gcagaacccc      360
atgaaattct ccagacactt ccagcttccc cgggacccat ctggacaata ctctgtttac      420
aaccgatctt tccaagcttg ttctcgggta aagagcgtat tyagtttggc tyaaacatga      480
aaatgaaagt ctacaccaag gggggcgaaa gaggagggga aattaaacca ggaatggcaa      540
tgggaatagt gttttttttg acnatncgat gaaattttaa aaattgtccc ngttgaaaaa      600
aa                                                                                   602
```

<210> 647
 <211> 546
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 647
 tgcccttgct actcaaacc aggataccat caaacacccat ctttcactcc atcaaagcat 60
 gctcaccagc gcaagtatgc cactccaact acacaccggg gtcagaagga gtacgccttt 120
 gagatggctg cttcgtccat cagggtttggt cctgggtgta ctcaggaagt tggatatggac 180
 ttgaagaaca tgggagctca gcgtgtttgc gtcgtgaccg atgagactgt caacaagttg 240
 gatgcatga gacaagtcgg tgaagcttc actcgggagc gcatctcttt cgaagtgtac 300
 tccaaggttc gtgttgaacc aaaggatagc tccatcaaag aagcaattgc ttgggcccgt 360
 ccatatgcac cagatgcctt cctggccggt ggaagtgtgt cagttatgga cacagccaaa 420
 cttatgaacc tttacacagc gtacctgacg ctgacttctt ggactttgtc aacgctcctc 480
 tangcaaggc cgcgtccatt gataagaagc taacaccact catcgccgtc cctacaacag 540
 ccggca 546

<210> 648
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 648
 ttcttggtnn ntgatcaaaa tgttcgttct gttattcatg ctatacaaaa tcataaaaac 60
 tcataaacta gggctatata caaaactgta accaagattc atctggctac ctcgacaaca 120
 ccaccagaaa accgaaatca acaccgcct gaactcctct tagtagggta tcaatcacc 180
 ttttcgtaac ggatggccct ttacttttgg ggcggtctt cccgcactgc ccaagcgaca 240
 gccgcgcgt tatcgggctg gtgtcaacga catagcgacc gacaacttgg ccagccttca 300
 tgagcttgaa gacgtcgttg agctcagaga gaccaacagt cttgaaggga accttgatga 360
 ggccacggcg gtagaagtgc atggcctcag cagtatcggc acggttaccg acgtaggatc 420
 ccttgatctg gatcatgca acgacagtgt cgaacacggg agcagagaat tgagcaccag 480
 cggggagacc gatcagacg actgtgccct tagatcggat gtactgggta gctgttgga 540
 agggcttntc ggcagcagcc gacaaaaana agcagcgnng agggccgaaa c 591

<210> 649
 <211> 338
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 649
 cggcaacttg ccaaagtggg gtgatcccaa gttcaagatc cccgatattg ctattcagta 60
 ctggaagatg ccaaaggagc accgcacgat gaaggacttg atcctgtaca tccggggcca 120
 tgaggcaaca ctcgaggag tcaaccatac actgggcaac ctcaaccaga acgacgacc 180
 aaaccattc gtcagtgaat tcaaggatcg cgaaccacca agacctgntt tgaaggcagc 240
 cggttacgat ngagctgaag tcatctaaaag acggtcaatg ccgaaataag agcgacatgc 300

ctcaaggctct gttgcaggtt atattggaaa aaaaaaat

338

<210> 650
<211> 599
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

<400> 650
gtcgccgata tgcattgagt ccattgtcag ttttgccgcg cgtcccacgc cccatttttaa 60
caaacgagtt cataagccga cgaagctcaa ttcagttcac aatgcctact cccgagtcgcg 120
agcaatttcaa ggcccagaag cctacccgtcg ctcccaacctt taacggcgctc gactacgatac 180
ataccaagggc cttcaaggcc gcggaggatg ccttcattcg ggaaacaatgg gtccggcgcca 240
tgatgaccgc acttggttggg gaggagctga acaagtgtga cgttcgtgag ggtgtcaacc 300
acctcgagaa ctgcggccac ctccgagagc gatattctca attgctcaag acaaacaaga 360
tcaagggcac caagttcttg caacaaaact atgtcgacca gaaggaacaa gatcttgacc 420
tggcgggcaa ggtccacaca agcgacaaga tcgccaagat gaaccatgac cgattctttt 480
tgtaaaaggg aaatgaattt aagtcatgct tgggatggaa gtgaacggga tttggttata 540
ttaaacggga aggactttta ncttgatata ccacatgatt gtgaccactc gcttgctat 599

<210> 651
<211> 596
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 651
tgcagactta accgtgctat ctcaacctct catatcatta cacttgcctt tggcatccat 60
gttctcacgc atctctcaga tcaactcgca tctctcagtt cccatctcga acaacaccag 120
acgatttgct cttggacgaa tcatggctcc cgtatcggcg gatgagcgca actcgcgcac 180
tatttccaca gcagcctgct tgatcatttg agatgaggtc ctaggcggaa agacggttga 240
taccaactct gectaccttg ccaaattggtg ctttaacctc ggaattagtc ttaaacgaat 300
cgaggtcatt gcggatgatg aaagtggatg tattgaggca gttcgaanaa tgagtgcagg 360
ctatgatttc gttgtgacaa gtggtgggat tggacctaca cagcagcaca tcacctatca 420
atctattgca acagccttca acctaacctc caagtttcaac caggagacct ttgagaagat 480
gaagcttctt tcaaagcctc accccaacca acccaagttc gattgggaag ttgaatcccc 540
cgccagaana accaagcttc gcattggcaga actgcccaccg gacgaatccc gggatc 596

<210> 652
<211> 617
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 652
gagaatctna aaaatcccc aaacctgtcg cgactgagag cgaagttatc acagaggact 60
tccttaccaa attcttgccc aaaaacacag ctgatccaaa tgtcttcaca cagtaccatg 120
ttcttatqgg atgtacatcg aacatggttg caggctctga taccacagct atcagcctgt 180

ccgcggctct	ctactaccta	ctcaagaacc	cagcctgttt	ggaaaagctt	cgaaacgaga	240
tcgatcaaat	ggcatctcga	ggggaactat	caaagttgcc	cacgttcaaa	gaaagccagc	300
agctggtgta	tttacaggct	gccatcaagg	aagcgctgcg	tatgcatcca	gctacaggct	360
tgccgctcga	gcgagtcggt	ccagaagggtg	gtgcgcacaat	ggctgggcga	ttcttccctg	420
acgatactat	tgtcggcatt	aactgggtggg	tagcccatag	aaacacccac	gtctttggag	480
aagatgccga	catcttcaac	cctgagagat	ggcttacgca	ggattncgtg	aggnttttct	540
gcaatgnatc	ggtattacat	gccgttcgga	ctangctcac	gaagttgtat	tcggnccgac	600
atgtggtcgc	ttnttca					617

<210> 653
 <211> 611
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 653						
caaaaaacaa	caacatctac	aagattaatc	atggagaacg	acagagacta	cttgcttttcc	60
ctccggggccg	tccgagagca	tgccaacaaa	gtcttgcaagg	ctgcgaagca	gggagatctg	120
aagcattttcg	actacgatga	gagccgcatg	actgagggttg	cagattacgt	atccaagggtc	180
attgatcgtg	actttgggtcc	cgacaagtac	cacacaattc	cgccgcatgg	tcgctggcag	240
catttcgatg	ttgggggtgt	tgctcgtgtc	cactccctga	tcaagcagtg	gtctagcgaa	300
gccgaagtcg	acaagactga	gatcacaaga	cgattggngg	atctgttctt	tgtgtcgggt	360
cttctaaatg	ccggtgcagg	cgatgtctgg	cgctcaagga	gtccggntct	ggtcaaaaaan	420
tctctcccgag	ngaggggatc	gctggccctc	cncttttatat	gtttcaagct	gggccttttca	480
gttctgatga	atcaaaaaaa	aaacaagggt	gaccggaaaag	ggtttgntca	atttcaaaaaa	540
ttaagtttna	cacacacttt	caagntnttg	gtgaaaacct	tatngggngg	ggttcattcn	600
gggggtcaact	t					611

<210> 654
 <211> 464
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 654						
tctgagcgca	ttgccagtct	tgcccgtgtc	ctgcaaggaa	aggctgccaa	cttccagagc	60
actcactcta	ctcagnggat	ggagcgatct	ctggatgatt	ccgcttgccg	acgcattggat	120
atccccgaga	tgttctctct	cgccgacgcc	atcaccatca	cccttcaaaa	cgtcaccgag	180
ggtctcgttg	tcttccccct	caagatccat	tccaacatca	tggntgagct	accattcatg	240
atcacagaga	acgtcatcat	gcgcctagta	gccatgggcg	tgtcccgcga	agaggcccac	300
gagcaaatcc	gtgtctctctn	cttngaggcc	tctcaccagg	tccaaagtct	cggcaagccc	360
aagagacatgg	togagcgaat	caagaacacc	gagttcttca	agcccatctg	ggctgacctc	420
gacgacatga	tgaagcccga	gcctttacatc	ggtcgcagcg	ctca		464

<210> 655
 <211> 937
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(937)

<223> n = A,T,C or G

<400> 655

cttctcccta	caacgtcacc	aacacaaata	cccgcaaact	cccaaagact	ttgcatctcg	60
caaaccgtcg	caagacatat	tcacccctca	tacccaaatc	agtactctag	atacctatac	120
agcgaggcgc	tattctagcc	agcggtcgct	gaacacatcc	tcaacccttt	tacaaaaccc	180
atttcccaag	gtaaccccag	tacctccgag	tttatgtcca	tcgaaaatct	caagacctac	240
gaccccttcg	ccgaagccga	cgaggacacc	ggagaaacca	agcagacgca	gaattacatc	300
catatacgca	ttcagcagcg	taatggacgt	aagactttga	ccactgttca	gggtctcccc	360
aagaagtttg	accagaagaa	gattcttaag	gtcatcaaga	agaaatttgc	ctgcaatggc	420
accatcggtta	acgactccga	gatgggagag	gtgatccagc	tccaggggtga	tcagcgtaaa	480
gatgttcagg	atthttcttgt	cgataaagaag	gaaggcctcg	agctagatgc	caagaccatt	540
aagggtccacg	gtttctaaag	ctctgcatgc	cccgtcgctc	tgtcagtcgc	cgttcccggg	600
cgtcttgacg	tagaggggaca	gggatgcatg	gccacctcgg	cttgtgcctt	ttccggacgt	660
gttctcttgc	tctcgcaaca	gacacaccga	ggctcggctc	cgattactct	aggacgacgg	720
gcatcacttt	aggggtgagct	tttgcctctg	gttgcttttt	ggaaagagtat	ttattctatg	780
ctgcacgggtt	ctgcggcgggg	taggaacogt	attcgacaac	taccttgctc	gcgtgcacca	840
aggacgaggo	ttcggggccaa	agcatttggt	tatcaaacat	atggccttgtt	gtcgtcgtag	900
cagaatgtta	cttggcaacc	ncgcanagtt	tagcaaaa			937

<210> 656

<211> 454

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(454)

<223> n = A,T,C or G

<400> 656

gcagtagatc	tgggagtgca	gcgctgggtg	tactttctct	atcacccgag	acaccgacag	60
cgagcagctc	ggcgcgggta	cctccatcat	cctccacctc	aagggaggag	cagaccgact	120
acctgaacga	gagcaagatc	aaggagggtca	tcaagaagca	ctccgagttc	atctcttacc	180
ccatctacct	ccacgtcgag	aaggagaccg	agaaggaggt	ccccgatgag	gangccgang	240
angtcaccga	nganggtgat	gacaagaagc	ccaagatcga	agaggtcgat	gatgatgagg	300
aggagaagcc	caagcgagga	ctgtcgaagg	ccaaggctac	tactaccaag	gccaaaggcga	360
agaagtagag	catggctatc	attgcatgaa	acgggtatgt	aaataatatt	tcnggcgncg	420
ggctcggtttt	gtcggggttag	ctactatgga	ccaa			454

<210> 657

<211> 593

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 657

tnatrgagtg	aggttcttgg	aaagcaagtt	ggcctgtgtg	cctatggcct	catgggcttc	60
acatggcgcc	caaagtctac	cctcttggac	caggctattg	aaagccatgc	gcgctgcttc	120
taacaatggc	tgcacgtctt	ggagcggcgc	cgagttctac	ggacccccag	aantacaata	180
gcattgaccc	gctcaaggcg	tttttcacaa	agtatcccca	agangccaa	angatcccca	240
tagttatgaa	aggtacctat	aatctcgaaa	agttccagct	cgatggatct	ccaganaacg	300
ttcgaaggto	gategacaac	gtgatcaacc	agctcggggg	aacccaaaaa	cttgacatct	360
ttgcgccttc	aagaanac	cacaaagtc	ctttcgagac	gacctcagcg	tcattcagaa	420
ngagtacgto	gatactggca	aaattggggg	cattgctctt	tcaaatgca	gcgcganac	480
tatcgaagaa	gntgtcaaga	ttgcnnagat	cagcnnctt	gaagttganc	tcaacttgnt	540

ttagcacana natcttgccg caccggcgtn ctgccgcttg tngcttaaca caa

593

<210> 658

<211> 613

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(613)

<223> n = A,T,C or G

<400> 658

gcctcagtcg	gctcctactg	acaacgacat	tctgcctggt	gagttcttga	ccctctatat	60
ctcttatggc	cgggtctaana	tcacgcctgt	catctcgacg	gaggctgccc	aagagcttgt	120
cgaaatgctt	gtcggccatgc	gtgctctcgg	acaagatggt	cgtctctggt	aaaaacgtat	180
cactgctaca	accggtcaac	togaagacat	gatccgtctg	tcanaagctc	atgccaagat	240
gugttcttcc	naaacaagtt	actcgtgacg	atgtccgnga	ggccaaccgt	nttattcaga	300
ggcctcngaa	nactgctgct	acagacgcca	atggtcgcat	tgacatgagt	cttctcaccg	360
aggggaactag	tgctgctgat	cgcaagcgtc	gtgaggacct	ccgtactgct	attctgcgtc	420
tttggacnac	atgaccgcgc	ggangtaaca	caagttcgat	ggggcgacct	ctctccccgc	480
tgagtgangg	ggccagcctc	cgggtgnaca	atctgagttc	aaccaaataa	tganggctct	540
ggaggctgaa	aatctnttat	tatcatnggc	cnaaggccca	anaaggcccc	tccgnagggg	600
gaatttcogg	tgc					613

<210> 659

<211> 611

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 659

cttggccata	tctttcttga	cgttttcaaa	aacacgcctt	tgagtcctcc	aacgcttctc	60
tttttatatt	gtatttaaca	gtcatagttt	ctttctacta	agacgaatct	caagcctcca	120
ttctccaatc	ttctttacat	atattcaaga	gcaagatgcc	caccgtgcac	ctattagatt	180
atgttgccgg	caacatcagg	agtctggtga	atgccattga	aaagtgtggc	tacgaggtcg	240
aatgggttcg	atctccagag	gacgttcccc	atgcagagaa	actcatnctc	cccggtgtcg	300
gccacttcgg	ccattgtctt	tcccagcttt	ctcaagccgg	ctacctagag	cctatcaaga	360
aycacattgc	cgatgggaag	ccctttttcg	gtgtttgcgt	tggcctacag	gctctcttcc	420
aggggtctgt	cgaggatcct	gacatccccg	gtctcggagt	cgtaccagct	gcttttggat	480
agattcgacg	actcaaggaa	atcgggtgcc	cacattgggt	tggacaatat	ccttcactgc	540
tggttaaggcc	catgtncgac	ctttnaaccg	gactcaaagt	attactaatg	tcactcctac	600
aaggtgcccc	c					611

<210> 660

<211> 446

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(446)

<223> n = A,T,C or G

<400> 660

tgggnaadga	ccgngggcag	attgtggncg	tttacgnncc	ccgcaagtgc	agtgcaccca	60
------------	------------	------------	------------	------------	------------	----

accgnatnat	caaggccaag	gatcacggnt	ntgttcagat	cttcatcgcc	aaggttgatg	120
agaacggccg	tgccgtccag	ggcgagaacc	acgtctacgc	cctntgnggt	ttcggtccgag	180
ccatgggcta	nagcgacgac	tccctcaacc	gactggccca	ncgcgatggc	cttctcaaga	240
gcgtntggag	cggacagcga	taaatcaata	aagcgtggga	aaaaggtact	cgacatctgg	300
ttctgagaat	cctcgacaag	gaattctgat	acgaatggac	cacaggggtt	tgggttcggg	360
cacgaaggca	atgggtgaaa	gaaactaggg	ttggctgcac	ctagcaaata	cacttcgagg	420
cgttcggctc	gattttgaga	cnccan				446

<210> 661

<211> 336

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 661

gacggtgcac	tggtagctgc	cgcaactcta	tctaaccgct	acatcaccca	tcgattctta	60
ccagacaaaag	ccattgacct	catggacgag	gcagccagtc	atctcaagct	gcagcacgag	120
tccaagcctg	aagacatcat	gcgccttgac	cacaagatca	tgacgattca	gattgagctc	180
gagagtttga	ggaaggagtc	tgatgtggca	agtaaggagc	gccgagagaa	gctggaaaac	240
gatctcaaga	aattgaacga	ggaaatttct	gggctcaacg	cgcgctggga	gaaggaacgt	300
gctgagattg	aatcgggtta	agaaggggtt	nccccc			336

<210> 662

<211> 553

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(553)

<223> n = A,T,C or G

<400> 662

tatcaacgtg	ccctccaatg	atccccccct	cgacagnggt	gctcaggatg	cttctgcttc	60
tccctcttgc	gttgnggcta	cccgcgctgg	tgtcaaggtc	ctccctgaca	tcataacgc	120
cgttctcttc	tccgccatcc	tcacagctgc	caactccaac	gtctactcca	gcagtcgtat	180
catggtttgt	ctcgttgagg	atggctcttc	ccctgntttc	atgaagcgaa	ccaacaagta	240
cggccccccc	tacttcgcgc	ttgcctcatg	ctccgtcatg	ggctctnattg	cctacatcaa	300
cctctctctc	agnggaaaaa	aggtcttcaa	ctggctcttc	aatgtcagtt	ccaccttatg	360
cttcateacc	tgggtcctga	tcaatgngng	ccatateccg	cttccaaaaa	atcatggctg	420
cacaggggat	ccctcgagan	gaagcttccc	taccttgcac	ctttncagcc	ttacctgncc	480
nactacgggg	ntttcttngg	ggctctcatc	actattactt	ggggnttcac	ccgtntttat	540
cgagngggat	acc					553

<210> 663

<211> 575

<212> DNA

<213> Fusarium venenatum

<400> 663

cttcgggtttc	ggatcaacttt	cttgtctcttg	gacgatcatt	ccttttgattc	aaagctttctc	60
attctcttttg	ggaagtccgaa	tctacacaa	ccctgaacaa	catcacgaa	gtatgttcttc	120
gatcctaccc	aattctactcc	atcactcggg	gtaactttga	ctaccacgtc	ttgatttcagt	180
ctttcatcag	acgctgcaca	aattttatcac	tcttgtcttg	acgacaatcg	agaaaccttg	240
acaatccaat	tctcaatcca	aaccaaaaac	cgcaaaaatg	aagttcgcga	ccgctttcat	300
tggcctcggt	gcctctgcta	ccatctgctg	tgtctgcacc	gtcacctttg	ttactctcga	360

tgacaaggag	cgccaccatca	tcttcacccc	tgacctggct	tcgagggacc	gagtccgtca	420
ctgtcagcag	tgctaaggaa	gttactgtcg	atttcocctga	caagtacatc	ggtaacttct	480
acgctgtcca	gaagggccat	gaggacaagc	ccggtatgct	cggtgaggtc	accttcgggtg	540
gctggaacgg	caagactact	tcgacgtctc	tgcta			575

<210> 664
 <211> 603
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 664	
caaggtctc	60
tgatacggcc	120
ggatgagacc	180
ctttacaggt	240
agcaagtgcc	300
caagcggtea	360
caacgttctt	420
cgctgatcca	480
cggatggcac	540
agggcaaatg	600
ata	603

<210> 665
 <211> 649
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 665	
gcggaaccaa	60
ctgttttgag	120
tttaggcata	180
ccagcgcggg	240
cagcaacggg	300
gtaatccagc	360
gccggccgct	420
gggcgcagtc	480
gtttttctca	540
acggatnang	600
gagcgtcagc	649

<210> 666
 <211> 594
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

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<400> 666
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gggcgcacca tcagtcggaa gtgateccaa ggatagccaa atctgggtact acaatggcac      120
tcttgctgcg tgcacatttg ttgctctcga ctatgttctc ccccgatacg ccaacttttag      180
cgttcctgac cttgtcgtga ctggctcctaa ctatggcacc aacttgggcg gtttcgtatg      240
gactctatcc ggtactgctg gtgctgcata cgccgctaca aaccgtggaa ttcccgcaat      300
tgccatatca gcgagcaacc aggaagtcc ctacttcgaa ctgacaaacc gcaccaaccc      360
agctacgtgg gctgcccagg cctctgtaaa attcgtcgag aactttattt cgacagctgg      420
caagaacggg ccccttttgc ccacgggta cggcgctcaat gtcaatcttc cctgtgtgac      480
gaagaaagat caccgacccg aattcgtgca gacgagggtc acgggcaatg cgcacgttaa      540
cgaancgggtg cttgatccga anaagggaac gtttacgtgg gccaacatca agcc      594

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<210> 667

<211> 817

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(837)

<223> n = A,T,C or G

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<400> 667
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gtgaccatcc tccgtacccc actgcacttg ggtataaagc gatcatcaag aaacggttcc      120
acgtctctcat gtccagccga cccgttgagg ccagcatgga cactcgtgta aaggctttct      180
cagctttcca cccatgcagt gctttttttt ccttctctgc tccagacgac tctttggtac      240
aaggcgcgta acggaaaaac aaaagagaaa tgatgtgcca tgcaagatat ccggagaccc      300
caaacgcccc tattntgggt gttccatctt ctatctgcaa agattttttg gtaagtgttc      360
gcaacgtcgg ctgttctatc cgtccatgtc gatgttgtgt tttgcagatc cgagatggcc      420
accatgagat gaaccgtaag agtcatgagt gcccaaggaa ataaaccgcc gcgaggcggt      480
tacttcttcc ggaaagagca gccctcagtc agacgagcct taccaccggt aggctggcag      540
aggacagtgg tgcacccctg gcagatgaca acggtctggg cgtgagagaa gacgggtggtg      600
atgggtgaagc aaccggggca cttgacgtcc atgaagaagg atcgaggggc gggcacaagg      660
gtcttgagct tgtgtcttct ggccctcgcg gccggggaag ggttcagaag atcaacggcg      720
agaaccatct tgtctgattt tctcgaaaat ttcttgctcg tgacttgcca gaatgggaaa      780
gcttgacgaa atccggcaac agatttgagg ctcgcaaggt ggggtgggagg aggtaag      837

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<210> 668

<211> 360

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(360)

<223> n = A,T,C or G

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<400> 668
gcgagactaa ccccgacttc gatacacaag tgcatacgcc cgagggtgttc ttgttcgatt      60
agggtgttgt agtcatatgg ggaatgaccg aggtcgaaga aggtcgggtt cctcaaagag      120
attgctaaat tcgaaactga gaaagcttgc gcctgacgat gtcgagacag agctatttaa      180
ttctctattat accaaaggact accaggcccg catctacaat gatttcatta ctcttcgcga      240
caagaaacaa ctacatgaca aaactggcaa ttctctatgc ttctngcagc ancgctcaaga      300
cttctctttt cgaggaattg attgcatcaa cgtcgatcac atgnaaagac atccccccgc      360

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<210> 669

<211> 1068

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 569

ttcgggttcgg	ggaaatctac	ctcgtcggac	aatggtagta	aagacgagat	agtcctcctc	60
cctgtccagt	ccaaagccat	ccttcgtgtc	acagaaatcg	agacaaaggt	acacgaccca	120
gaaggaaacc	aagtcctctg	ccaagatgca	tccaccacct	tcgaccttcc	agataaccac	180
cccaacaaga	atgctgtcga	gatattatgg	cttcctcgtg	gatcacacag	ctccgacgac	240
acaggcgaga	aagtgcgtcg	tgcgtttaat	aatgaaaagg	acatgaccat	cataggetgc	300
tgtaaaacaat	cccccaaagc	tatctctctg	tctctacttc	ttttcctcac	tgntgtcatg	360
gaggggtacg	aaaagagttc	tgttactggc	tttggtgctt	tccctgcctt	tcgagaacgc	420
tatggcgagc	tgtttgagac	gccaacgggg	ccaatctacg	agatctcacc	gccttggcag	480
acagcattgc	aagtatctgc	cattgctttg	tgaaagtcac	ttgggtctgt	gttgcatgga	540
tnngatcaca	tcacagtant	tgggtacaag	aagatgatgc	ttatcagtct	tgccctggat	600
ggtgtattgg	cgcgtttttc	cgggtttctt	tgcacacaac	attgctgtac	tggttgcttc	660
tcaggctctt	tgtggtatct	ctnggggtgt	cattcaaaaca	ctggcagcca	catatgctgc	720
cgaggttgta	ccatcagcca	tccgtgcctg	tcttctcagc	aatgtcaaca	tgtgtngggc	780
catcggncaa	ctgcttggtg	ctgggtgtct	gcgatccctc	gtccacaacg	attctgagtg	840
gtcctaccgt	ttaccctctg	cccttnantg	ggcctttgcc	atccctcttc	ttattgcac	900
atgtttgtct	ctganagtc	ttggnggctt	atccccngga	acgtaagggt	gangccanac	960
atctnttcag	cgtctcacca	agcaatccca	gnttgacatt	gatgatacca	ttgntggcat	1020
gggaacacac	caaccgtntc	naacgtaanc	ttnacttccg	gggggtca		1068

<210> 570

<211> 545

<212> DNA

<213> Fusarium venenatum

<400> 570

tcacaaacct	ctcaacgacc	gaccttgaag	agacgagccg	cagccatgtc	gtcgaccaag	60
aagccctccg	gcaagactca	gcgtctccgc	attgcggatg	tcgtcgcccc	cgagtacacc	120
atccacatgc	acaagcgact	ccatggtgtt	tccttcaaga	agagggctcc	caaggccatc	180
aaggagatca	aggcctttgc	ctacaagtct	atgggtacca	ccgatgtccg	catcgacctt	240
cagctcaaca	agaagggtctg	ggagcagggt	gtcaagggtg	tcgactaccg	aatccgcgtg	300
cgaatttccc	gacgacgaaa	cgacgaggag	ggtgccaaag	agaagctgta	cagctacgtc	360
caggccgtga	acgtcaagga	ccccaaaggc	ctcccacagg	ttgttggtga	ggaataaata	420
taaaaaatctt	ctcttgggac	aaggttctag	ggtggcatgg	catttgaggt	tgcattcggc	480
attctggttt	tcgacgtctg	aaatacacag	agggaaaaaa	tgtgatcaaa	gottgaagtc	540
aaact						545

<210> 571

<211> 695

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 571

baaattgaga	atttctcgat	cgcctcccaa	ctaaccggcc	aaacaccaca	gcdaagatga	60
cgaagggtac	ctccagcttc	ggtaagcgtc	acaacaagac	gcacaccctg	tgccgacgat	120
ggggtgcgcg	ctctcttcac	gtccagaagc	atgagtgtct	ttcttgccgt	taacctgctg	180
ccaagatccg	caagtacaac	tgggtccgaga	aggctaagcg	aagaaagacc	gtcggtaaccg	240
gcgcgactcg	ctacctcaag	gatgtgtccc	gacgattcaa	gaacggtttc	cagactggca	300

cacccaaggg	tgcccgtggc	gctactgccg	agaaggccta	aacggggact	gcaccccttc	360
tgatcccctc	caccacctct	ccggccctat	ccctcttcaa	ccacggacgt	tcgaaacacc	420
cattctttcg	agcagcgcca	tatcaacaat	aacggttctc	tcataacatg	aactgagacc	480
gcaggggaat	ctggttggaa	ctggagtaag	gtggtggctg	gggcggttgt	gtttgttggg	540
tcgtggatga	aggacctcta	aagggacggg	ttggagcatg	ggcacggtgt	tttacatggt	600
tgagcaagga	agtaaaaaaa	agaacccctt	tgctcttctg	agattcnata	gggtttcggt	660
tacgaggttc	tgaaatggca	tcttgattct	gcatg			695

<210> 672
 <211> 1014
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1014)
 <223> n = A,T,C or G

<400> 672						
aacatcatca	acaactgccc	ttcttttccc	ccttccatcg	ccctctctcc	tcagccgcgc	60
gaaatgttct	cgcgacaggt	catccgcgcc	gcccagatcg	ccgctcccca	gcgagccctc	120
gccctccgag	ccgcceccgt	ccgatccttc	gccgcgctg	ctcagtcoga	tgtcaagtct	180
ccggtttccg	tcttcggcgt	tgatggcacc	tatgcctctg	ctctgtacac	tgccgcgcgc	240
aagaactcca	gcgtcgacgc	cgcttcggat	gcccctcatca	agctcgggtgc	tctcatcgag	300
aaggacccca	agctcgtctc	cgctcctgag	acccctaccc	tcgccgatgc	cgacaagaag	360
gccattgtcg	atgagcttgt	caagcaaata	aacaccaagg	acgagaccgt	caagaacttc	420
ctcgccaccc	tcgcggagaa	caaccgactt	ggtctcatcc	ccggtgttgt	cgacaagttc	480
tccaccatca	tctccgcgcg	ccgtgggtgag	gtcganctca	ctgttaccag	cgctcagcct	540
ctcgacaagc	gaacactcaa	ccgacttgag	actgntgtcg	ccaagtccctn	ttacgtcggg	600
caggggcaag	aactcaaggt	caccaacgag	gtaaaccccg	atctcgttgg	tggactcgtc	660
gtcgaggtcg	gcgacggaac	catcgacctc	agcgtctctt	cccgcatcgc	caagatgaac	720
aagctcctca	cggacactct	gtaaaaaaac	acccatagta	taaattctat	ttagtgtctc	780
ctttgcgtcg	tctcgtggag	ttttttcttc	atcaccacgc	aaaaaaacgg	tatacccccc	840
tcttatgagt	gtgggtttcc	caagggtttt	ttctcgtccc	ccttggtattg	ttacaaccct	900
cccggaatca	aacgttcttg	tcataccctg	ctaggggaga	agaaagggga	gagtgtcgat	960
ggaaagaata	gtgtaggagg	atgtgaactg	ggtacgcaat	aatgcagtc	cccc	1014

<210> 673
 <211> 523
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 673						
caggcggggt	gcataaacct	ccactggccc	ctngaactcc	acttcagccg	ccggtcattgt	60
ccatgtccct	nattttgtcg	ctccgtcctc	ctaccttcca	cgcaggactt	nnatttcggag	120
cccaatggca	cctacggagc	cgaaaacctt	gagtcctntg	gacananatc	agttgcaggg	180
tctgaatgtc	atttcgggatt	tcttcaaaag	gcgcactagc	taagatgttc	tgcactcttc	240
gttcggactc	atcgtcctcg	ataacggaact	cctcataaaa	aaagcgatca	acataactaac	300
acagaactcg	atagtatcgg	ctcctnratg	gaactccaaa	acctccagat	tgcgcggnat	360
ttttacgagc	accgatttca	tcaatgttat	ccagtactat	tgcacqtttc	ctgacgagtt	420
ccataaaact	galcaattcc	ggntaaagta	gtttaaaaaa	tattgaaaag	togattggcg	480
cjanacccat	cgagacagtt	tggggtnatt	ctttnaaacc	gtt		523

<210> 674
 <211> 729

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 674
ccacgcctca cgacccgaca tcgacaatcg gagcacggta agcagacaaa atgacgatcc 60
ggtacaacca gaagctcgtc agtaaccatt tccgcaagga ttggcagcgc cgggttaaaa 120
cccacttcga ccaggccggc aagaagtcca gaagacgtgt cgctcgcaag gccaaaggctg 180
ctgctcttgc tcccgcgtct gtgcacaagc tccgacccgt tgtccgatgc cctaccatca 240
agtacaaccg tcgtgtccgc tccggccgtg gtttcaccct ggctgagctc aaggaggccg 300
gtatccccc aa ggcttctgct cccaccatcg gcattgccgt cgacttccgc cgccagaacc 360
ttaacaaaaa gtcccttgcg gccaaacgtcg cccggtcaag gcttaccagg agcgactgat 420
cctctctccc cgcgcgatctc acgcctcaca gaagggtgac accaaggccg acgccttctg 480
cgayaagatc tctcacgtcg ccgcgcgttc ctatcgccct accgatatcg ccgtcaagga 540
gatctcaaga gcgacatgcc ttcaacatcg aggctgggct taccgaactc ttctgtctgt 600
tcgtgccaac gcccgatacg angggtggccg gcagaagcgt attccgtgat gctgccgagg 660
ctgagactgc caagaaataa acttgcnaaa angggaaacaa ggggttgang ggtttgctnt 720
trattgtca 729

<210> 675
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 675
ttttctccca tcacagaaac cgcaatcatg ggtatttctg gtgactctcg acacaagcgc 60
tcgcctcccg gtgccaagcg tgcttactac agtgcgtaat aattccgaaa gcccgatga 120
tcctttggac atacgttctg acctttcaca acagggaaga agcgcgcttt cgaggctggt 180
cgccagggtg ccaaacaccg tattggcccc aagcgcctcc acaccgtccg aacccgagg 240
ggtaaccaca agtaccgtgc cctccgtctc gactccggtg acttcgcctg gggttccgaa 300
ggcctgaccc gcaagaccgt gtcattgccg tcgcctacca ccttccaac aacgaattgg 360
tcogaacaac acctcacca agancgcgt cgtccagggt gatgccgctc ccttccgaca 420
gtggtacaag cccactacgg tcaggctctt gtnccgaagac ccagaaggcc aggcgcgcaa 480
ggaaggcaag acgaagaaga agtcaaaaaa tccaacgcgg ttgaaaaaaa cagntgctcg 540
catgtctgct cgongcaagg tcaaaacgcc atca 574

<210> 676
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 676
gtcgggttta tgccccgtgg ttcttcgctc cgtgacgang gatgctgctt tcgaggatat 60
gttcogtaac ctctgggctg acaatgccga tgttgtctcc aactcctact ctggcactgg 120
cgccatgaag acagatgtca cccgtacagg aaacagaaca aaggctgggg ctcttcaaga 180
tgctcgtatt ggtgtcacac gttacttccg taacaacttc ttcgacggcc ctcgctcagg 240

ttcttttgat	ctcttcttg	gaacctaccg	accaggctct	gccaacatcg	gtactaccct	300
ggtctttact	gatcgctgc	cgatcttgat	ccagtcatt	ccctacattc	tcgccttcag	360
tgtcttatta	ttctcactgg	cctggtcact	cgctgtgcac	ctgatgcgag	cgccttacc	420
ctccgtatct	tccttttctt	ctggatggcc	atcgctgcct	ggtctttcta	ctttatctgg	480
aaccacggca	tgctttacgt	caactggccc	cgcctcaacc	ccaaggcatt	tgccgttgaa	540
gggctacaac	gagcacttcg	ccaaaggcac	gcaaaggact	ctgtcattgg	nacatatgtt	600
ggcgaaagca	cganaa					616

<210> 677

<211> 599

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (599)

<223> n = A,T,C or G

<400> 677

eggacgacca	aatcttgacg	aagcgaccca	aaacccccag	ctacgggcat	taatcgaaac	60
aaggacaacg	agcgttcgga	tcgcgaatcc	ttaattcatc	aaattcatca	caattggcga	120
ctaagcgcaa	actcgattat	tcttcatcat	catgtctttc	cgaggagggt	cgcgaggacg	180
eggcgggcgt	ggatttggag	gtggccgtgg	cgggtggccg	ggtggtttcc	agcagcgaga	240
catgggcccc	cctgcccaga	tccttgaaat	gggcaagttc	atgcaagcct	gtgagggcga	300
gatggtctgc	gagtcacatc	accccaaggt	cccccacttc	aacgcccaga	tcttcctcga	360
gaacaagacg	gcgctcgcca	aggtcgacga	ggtccttggc	cccatcaaac	aggtcttctt	420
caccatcaag	cccaacgagg	gcacccaggc	cacctctttc	aaggagggcg	acaagttcta	480
cattggctcc	gagaaactcc	tgccccctga	caagttcctt	cccaagccta	agcccccgcc	540
tggtgtctcc	caaaccccaag	ccccctggcg	gnngtctgtg	cggtncctgt	ggtggctcgc	599

<210> 678

<211> 639

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (639)

<223> n = A,T,C or G

<400> 678

gcccggcaca	ctanaagaga	cccttcgcga	tggacttcgt	cgcgagacc	tactcattac	60
tactggcggt	gtgtccatgg	gtgaattgga	tcttctcaag	ccgacaatcg	agcgttctct	120
gggtggcagc	atccactttg	gtcgagtgc	catgaagcct	ggaaagccga	ctacctttgc	180
tacgggtccct	gtcaaggaca	actcaggaca	gcgggttacc	aagactatat	tttcaactacc	240
tggtaacccg	gcattctgtc	tagttacctt	tcacctgttt	gtgcttccgt	cactccacaa	300
gctatctggt	gcctctacta	caggcctccc	aagagttcca	gccgttatct	cgcacgattt	360
ccctctggac	cctaggcccc	agtatcaccg	tgtgtgtgtg	acggttggca	aggatggcct	420
ctttaacaac	aagcaccaggc	ggccaacgaa	gttccaaggt	gggcagtatg	aggcagccaa	480
tgcttaattt	atctgcacgt	gggaanggta	aactggaaaa	aggctcaaag	gttgangtcc	540
tggtgttgaa	tgcccgctca	agctgtttaa	gaaacccaat	aataatcaag	gncgaaaagg	600
caaaaaactag	gtnttcagcg	gtataacaac	ttgcacaaat			639

<210> 679

<211> 631

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 679

gttatcggct	gtgaaaaggc	ctacaaaaac	cagaacggcc	tcaagtacca	caagacgcac	60
ggtcacataa	ctnaacagct	ccacgaaaac	ggngatggca	ctttctccat	tgtnnacccc	120
gaaacaggtg	cgccttatnc	aggaaccctg	ggatgggaaa	aaganaagcc	gttcagctgc	180
gacacatgcg	gaaagcgcta	taagaactta	natgggttga	aatatcacag	ggcgattctt	240
nttcctgtca	atnccgattt	caagctccag	gctcttgag	cgggcatgaa	cctgcgggga	300
ntaggagang	atcanatgat	gcctttgggt	gncggcaaca	ctacaaaaac	gtggcaagct	360
ctttctccat	attaagcggg	ggcgttctga	atttcacccc	cagtttcaac	atgatgctgg	420
tcttaattcg	actcgggccc	gaccgggana	tanattctgc	ttcattatct	gcgncttttt	480
ccctgccatc	cctgtgtagg	catntgcttc	agcctttgcc	taaaaattat	accgcttatg	540
gnggcttttg	agacttnaat	cangggggnc	tcnattgatt	caaaatcgng	ggncacaaac	600
tctgtttttg	ggtnttnaaa	ccaacccaaa	a			631

<210> 680

<211> 678

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 680

ctgaaccagc	gcaacgtctc	ataatcaact	tccctcttcc	aacctctcgc	tacgccaaac	60
tccctcttcc	gcatacaata	tcccaacaac	acggcacgaa	acgacaacga	cttcttgatc	120
tggaaacctc	ttctcgteca	tctgtccattt	ttcgcgcttc	ttcgattgat	acccattgct	180
attttctagc	gtctcgagag	cttcacaaaa	cacagccaaa	atgcctgagc	aggaagcccc	240
ctacgacccc	tatatcccca	gcggccaggc	tggagcccag	cagcagcagg	gtgccggcgg	300
caatgctagg	acgcaggcgc	tgcaagctca	aatcgacgac	accgtgggtg	tgatgcgtga	360
caatatcaac	aaggtatctc	aacgtgggtga	gcgactcgat	gctcttcagg	ataagaccga	420
caacttggct	gtntnancac	aaggtttccg	ccgaggagcc	aacanggtcc	gaaagcagat	480
gtgggtggaag	gacatgaaga	tgcnatgtg	cctgantatt	ggnatcanta	ttctgntggc	540
atnatcattg	tccctcttgt	gngggttacc	gntanagact	aaaaaaaaant	tgggtacttn	600
gnnctcacna	tgcacacct	ttggactgac	gaatcataaa	tccaatattg	ntgaccttcg	660
acctnggata	tggacntt					678

<210> 681

<211> 603

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 681

tccacactna	aaatgaactc	ctcaactaaa	gacgcaaaga	tcaccttctc	cggggggtggc	60
aaatggtggc	cggcatttat	tggcgggtctc	ctcgcaaga	acaccaacaa	gcaaaacatt	120
tatgtctctg	aacctgtgga	cgtaaacccg	aacaagatgg	ccgacctcgg	cgctccgcacc	180
acggccgaca	acaaagaggc	ctctgctgac	gctgatgtta	tcattctcgc	tgtcaagcct	240
aggtttggca	aggtgtgtg	cgaagagctc	agctcagctt	ggtctggagc	cgatagcctg	300
cctgtttgca	tctctatcgc	tgtgtggcatc	acctttgcta	gcattgcaca	atggttcaag	360
ggagatagtg	ggaaggccct	cacatcgctc	gtatcatgac	caatacacct	gccttagctg	420
gaaaaggcgc	ttcaggcctg	tatgctgcgc	aagatgttac	tggtgctgag	aaagaattga	480
cttctgctct	cttgggcagt	gtcaqtaagg	ctactgaatg	ggttgacaag	gaagaacttc	540

tcgatgttgt caccggtatt tctggttctg gtctgcata cttcttcgct tttgttgaac	600
atc	603

<210> 682
 <211> 499
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 682	
caagaaagct cctcaagttc gcaatgtcca agacottgaa actatcgcg agcgaatcca	60
ggaagctcact cccaagtggg tgcttgtcaa ggggtgggac agtcttatga aggaggacct	120
tactgtagca gagacggagg atgagaggca atttgtcttt gatgtgttly ttggaggaaa	180
cggagagccc tgagggtcaa nagtccgtac caagcaagct ccagtaccca tggtagaggg	240
tgctcttttg catctgctat tgcttcgaac ttggccaaag gaatcgatac gcctgctgct	300
gttcagtcag cgtgtcgata cattgaagct gcgattcnca ctgcgccang actgggcaaa	360
gggcatggtc ctctgaacca ctccattca acctacactc ttcccttcgc tcttggctac	420
tttatcgaat ggctccttga ncgcccgaag ttcttgattt ctggaaaagaa tttgttttat	480
caccctttgt catggccat	499

<210> 683
 <211> 634
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 683	
agatcacagt cttttccac gtcattgtcg actctcccat caatcccgcg atcgattcaa	60
caatggccat gtccctcgcg cgggtggccc tcagggcacc gcaatcgcaa tgcaggcttg	120
ctgcgcgcgc cgcactatc acggctcgaa ccattgccgc ccacggacga ccttcagca	180
ccacgaacgc agctcttate cctccggct tcggatctcc gattgttccc tcttactttt	240
ctaagcctcg gctcccggcc aacacggtta ttcgattcgt gcctcagcag acggcttgga	300
ttgttgagcg tatgggaaag tttaaccgta ttctcgaccc tggctctggct gtccttatgc	360
cccttatcga tcgaatcgca tacgtcaaga gtctcaagga aagtcgccat tgagattcct	420
agccagagtg ccatactgc ggacaacqtt actttggaac ttgacggngt tttgttcacg	480
cgtgtctttg atgcgtataa aagcaagcta ttgggtcgag gatgccgaat atgctatttn	540
tnagcttggc cagacgacta tgcgatccga gancggcaac tggacccttg accatgtnct	600
caaggaacgg ctgggcttca aaacaacatt acaa	634

<210> 684
 <211> 514
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 684	
ntttgtccaa gactgtctca aggcattcct cccctcgtae attcccatca ttganaaacg	60
aaaggacatg ccttacaccg aggcggaaaa agactggcag cagcttcgca gngqcaagta	120

cgttgagttc	aaccttggtc	acgacgcngg	tacaagcggt	tgggtctcaac	acacccgggt	180
caagggttga	gagtattctc	atgagtttgc	ccgttgactg	ctgggtggaa	atatatgcat	240
gaacccgagc	cgaaaagcag	ggagcaccgc	ctttgtaaat	gtcctcagag	acccaagga	300
gtgggtctaa	gattcttgtc	ttgaattaaa	acacaagcat	gatgcatggt	ggagcatgag	360
gtagagcgat	tgttttagtgt	atcataggta	tgtgaggacc	atagatgaga	tggggacgcc	420
catggtggta	catgctacaa	aaaccaaaaca	gcaggtgcng	tntactaaga	cgcaatcaaa	480
gaantcaa	ataattttta	atgaaacct	tggt			514

<210> 685

<211> 595

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 685

gaaaaggcaa	cgttcgagtt	gtcgtttctc	cctacaccca	atctcacctc	tatccattga	60
gcttctacaa	tatatacatt	tcctatcggc	cactcgactg	ctgcagtttt	tgtcgaatca	120
agatcctgtc	tgtacaacta	ttaaaccgcc	aagatgtcaa	tgtggttgac	agatacccaa	180
aaaattggag	ttgtcttttg	ctccggcgga	ggcttcttcc	tgataggagg	tgttatgctc	240
ttctttgatc	gatctatgct	tgctatggga	aacattctct	tcctcatcgg	cttgaccatc	300
attattggac	ctcaaaaagac	tcttctcttc	ttcgctcgca	aacagaaaca	aagggtaagg	360
cggcgttctt	cctgggctta	atacttatct	tcatgaagtg	gacctttatc	gggttccttg	420
tggaacgtat	ggtatantca	tcttgtttgg	agattcctag	ggacaatgcc	ngcttcgcgc	480
gaagcttgcc	tggttgaggga	cctatatcng	aatgggtgtc	acagaatagt	cttggaagac	540
aaaccaact	cctgtctatt	ctcnggacta	aattccncaa	aaactaatan	tccaa	595

<210> 685

<211> 602

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 685

ctcactcca	ggcaactttc	aacaaacott	tctactcaac	catcgacatc	tctcctgcct	60
ggttagatctc	tcactttctac	ggttaggtgtc	tgtcccgag	gacgacattg	ctattttcact	120
tgtctatcca	ggccttgaca	acccaatcca	tcagtcact	catctccgag	cgatcccgcg	180
acaatggcgg	attctaccaa	cgcccccaag	ccaagcagta	gggtcaagct	ggtgcttctt	240
ggtgaagctg	ctgtcggaaa	gtcatctctc	gtattgcgct	tcgttaacaa	tgacttccaa	300
gaaaacaagg	agccactat	tggtgctgct	tcttgactca	gaaatgcaat	ctcccaacaa	360
ggaccatcaa	atcttgagatc	tggtgatactg	ctggtcaaga	acgttttgcc	tcgttggtctc	420
ctatgtatta	tcgaaacgcc	caggccgcct	cgtcgctacg	atctacaaaa	cccacatcct	480
ctacaaagcc	aacactgggt	tgttgagctg	aacgacagct	tctccggatc	gtatcgcaat	540
ggttaggtaca	agctggatct	tacaggcgac	tcactatgcc	gaggtncgat	gganagaggg	600
ac						602

<210> 687

<211> 432

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(432)

<223> n = A,T,C or G

<400> 687

aaaacacccn	aggaacnctc	gccgcacaaa	caacccttca	cttatccacc	tcnacacagc	60
cgttnaaaag	gatggcctca	acttctcgct	cggcccaacna	caactcatgg	ctcttgcgag	120
agctcttgct	cgaggtgccc	agatcatcgt	ctgtgacgaa	gccacctcct	cagtcgacat	180
ggaaacagac	gacaagatcc	aggctaccat	ggcgggttggc	ttccgangca	agacattatt	240
gtgtattgct	caccgattgc	gcaccatcat	tggctacgat	cgcattctgtg	tcttggaatgc	300
gggacgtatc	gctgaattgg	atacgccatt	gcagctttgg	aaacanggaa	gcattcttccg	360
cagcatgtgt	gaccgtagtg	gtattagaat	ggaagatatt	cacngccnag	ggaagaactc	420
ggtagtgcga	ta					432

<210> 688

<211> 621

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 688

tttcaactctc	acctcaacat	caaaagcgat	ctctttctct	tcattcttcca	cccaatctat	60
ctttactctc	tcattctcacc	tcaccacctga	taccccttaa	cttacccttc	caaaacacac	120
agccaaaatg	acacaacgcc	taaagctcac	cagcgccaac	ctctccacca	ttgcttgcga	180
gcagggagag	caaagagtc	aggctccatc	ctacgacgc	aagtctctca	aggagggcat	240
cgtccacgct	ggagttggcg	gtttccacag	agctcaacttg	gctgtctacg	tcgacaagct	300
gcttgagaag	caoggtgagc	gogattgggc	catctgsggt	atcggcctgc	gtcccaacga	360
tgctgccatg	cgcgatgttc	tcaacgcaca	ggaccacctc	tacaccgtaa	ttgagcgatc	420
ccnaaagggt	agcttcgcgc	atgtcgtcgg	cagcatcaac	tccttncttt	tcgccctgat	480
gacgctgagg	ctggcattgc	aaagatggnt	catccgacac	tcacattggt	tttttactat	540
tactgagagn	ggntactact	acaacgagaa	cacctatcaa	ttggaagctg	agcattctgg	600
cattcagcac	gacttcaaga	a				621

<210> 689

<211> 591

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 689

agggcccgat	gactgagget	ggcctattgg	gtgacacacc	cgaccaccca	gtcgttgacg	60
tcctaggcta	tggccacatg	ggcgattcca	acctgcattc	caacattccc	gtggcgagat	120
acgatcccg	cgtcgagaaa	gccttggagg	cttgggtata	cgagtggatt	cagaagcgca	180
acggcagcat	cagtgtctgag	catggcttgg	gaatcgccaa	gaagaattca	tcggctacag	240
ccgagacgac	accactatcg	gtgtgatgaa	gcagatcaag	aactatttga	tcctaattggc	300
atcatgaacc	cttacaagta	tatctgatac	ccctgtctct	tggtttcgta	tacgaatgcc	360
agcatataca	tatcttacc	ccttgctctg	cagcgtcatg	cattgcatgc	tgcttgcctca	420
actgattaca	cccccgtttg	acttatagta	attgtggttg	ttacggagcg	aatcagaatg	480
cgtagacttt	tgaataatgg	tgcacaaaaca	tgattnanca	atgctgtguc	gtattgcact	540
gtgggactag	ganaatattg	tntatcgatn	ttaagccatg	aaactctntt	g	591

<210> 690

<211> 591

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

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<400> 690
gcagggtgca aggtggcaga catgttacct agcacgtttg ttcctacttg cgggaggtgc      60
tctacccag cccaggtct cgtctcagta cgaggatcat cagtgacaaa tgtctgccga      120
gactgtcacg gtcattttac ctttaaaatt cccgaagtca agttcttggt catcaccccg      180
gggtctcgcc cccaccaac ctccggctct cgtcggaaac aagagaagct tgggtctgcat      240
gcgggagacc aactgcccga caagggtaca tgctcgact accgaaagtc ataccgatgg      300
tttcgcttct catgctgcag ccgcgtacac cctcgcgaca agtgccatga caaggcagga      360
agaccatata aacgaatggg ccaaccgcct catctgcggc tgggtgtagcc cgcgagcaga      420
attactcgte ggtgtctgag ggtgttagat ctctgcggcg ctacctgata ggtaaaaagg      480
gaanggggtt tctgggaagg tggaaaggga acgatgagac aggacgacga ttgagtcgga      540
aggatccag aaaagacaag aggattggta ctttggcggc caaagaaaag a      591
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<210> 691
 <211> 630
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

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<400> 691
ctctgttgct gaacaatttg gtaacttgag agatactttg gggttcagtat tgggcatctt      60
cactttgatg cgatggatcc gaactttgat cgctaagatc actggtcgcc cgcgcctgc      120
cgatgcgact gctctcacac cggctgcctt tgctcgtttc gaaggccgca gtattggtec      180
cgatggtaac cctcttctct ccaaggccag caggaagcct ctcatcttct ttgttctggc      240
cgcgttcggt attccttctc tcatgtccaa gatgattaga tcaactgctg cttcacacaaga      300
acaggagcag aggcgtctcc aagcacaggc cattgaatca cagcagcccg tcgacccctc      360
caagctcgag ttctgcgcac ttaccttcga cttcctgcct cagcccaaca ccggcatgga      420
acttgaggct cgcaagggcg acctcgctgc tgttctcaac aagaatgacc catccggtaa      480
ccccagcgag tgggtggcaat gcagggtctg cgatggccgn caagggtatc tacccttact      540
atctcgaggg catcaagcgt ctgcgcaaga ncccaagaaa cttaaggggc gccctagcga      600
gagtangccg gacaaacttn attggcaagg
```

<210> 692
 <211> 523
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

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<400> 692
cgcccgagcc tcttctcgct ttcctctctc ccaagagctc ccacacataa ccttcaagat      60
gaccaagoga acaaagaagg tgggtgttac cggtaaatac ggnacccgtt acggtgcttc      120
cctgcgaaag caggtcaaga agatggaaat caccagcac gccaaagtaca cttgcacctt      180
ctcggaagaa actacgctca agcgccaggc tacgggtatc tgggactgca agtcttgcaa      240
gcgcacogtc cttacgtctg cttacgtctg tgccaccccc gctgcgctg ccatgcgac      300
aactctgoga cgactccgag agattgctga ggtttaaggg tggactttag cgaacaggga      360
```


aaatggcttt	gcttttcggt	atggtgtacg	gggggatatg	atttcgtgcc	tacattacga	420
ggtgacgac	tggacgtcga	caccogaact	tcggtcacat	agaagccgat	cgaatagcaa	480
taaacaaaa	gaattgcatg	gtttcggatc	caaaaanaaaa	aaa		523

<210> 693
 <211> 948
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(948)
 <223> n = A,T,C or G

<400> 693						
ttggnnaggac	tttcatcaat	atatttgacc	acttcgcata	atttcgtaat	cgactaacgg	60
tccagaaatc	attcgaaatc	caacaaaatc	caggcgccat	gogattctct	actgtcaccc	120
cctgtctgac	tgctgttttg	ggcgccagcg	cggttttttag	tgttctcaat	ggcaaggctt	180
ccgaacttac	cattagcgac	gaccttaaga	ttctcgttga	ttctcctctt	gagttctgcc	240
ccggagacca	cgcagccgat	cttattaaga	ttgaccgtgt	tgattttgtct	cccaaccctc	300
ccaaggctgg	ccaggaactc	ttgattaagg	ccaagggatc	agttaaacag	aagatcgaag	360
agggcgctta	tgctctcttg	accgtcaagt	atggcctcat	ccgcctcatc	agcaccaagg	420
ccgatctctg	cgagcagatt	ggcaatgtcn	acctcaagtg	tccccgtcna	aaaagggcga	480
agtcgagggt	attaagagcg	tanaccttcc	tgctgagatt	tcactctggc	aagtacaccg	540
tgctggccga	tgttttcaat	ggcgatgatg	tacagattac	attgtttgac	ggcaccgcgc	600
accttttttt	tgtagcagca	agggnttttt	ttgggcagcg	atctgtgatt	ggaattatgg	660
cgcacacaa	atacgcctga	tggaatgaat	tacagctggg	cacggtctaa	tggattttct	720
tgctgaactt	ggttttttgg	gaattttatg	ctcaagtaga	gcataattga	gcggcttttag	780
aattctattt	gcatacttga	caaacgagtc	catcgcatgt	tactccacct	cgttccactg	840
tatacgcata	gccttgcagt	cctgcacaa	gttaccacgt	cnataaaaac	caatactggc	900
tcgcgagtc	ttcgcccgca	ttgatogccn	ccentatgct	attcgctt		948

<210> 694
 <211> 808
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 694						
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cagattaact	tcaacctgtc	gtgctccgag	cctcgcgctg	caccgttgaa	gattttctgt	120
acgccattca	togaagtatc	acggagggtt	tcaagacagc	catcgtttac	ggcaagtctg	180
tcaagcatca	gcctcagcgc	gttggtcttg	cccatgaatt	atgtgacgag	gatgtttgta	240
caattgtcaa	gcgatgaaa	gataacttgc	ggagattgaa	ggggacgata	ccacggcaac	300
ggcagaagct	tggtgaacta	gattgcttgg	actgcccgtt	tgcatacagg	gtgtcaccac	360
aaagcattgg	acagtcagac	acctcttagt	acgcgaactc	ggttttgtct	cgagtggctc	420
aaagaaatag	agggagaaac	ccggcgaggc	cggggggatg	togaatgcaa	tagaagtcaa	480
taaggacagg	gotgacaact	gatgcaaggg	tacagacacg	tntggctggc	aacaagaatc	540
gaactgtctc	ancaggcaag	ataatgatcg	gcgcaagttt	ncgggggagt	taaaaaatgg	600
gtgctacttn	acaaacaggg	tgatgggtta	anaaaagggg	gcaaaatatt	aggtcaacgg	660
gcaagacaca	atqanacaag	gacagacccn	atttanaaga	caatggaaa	caagacgggt	720
acttcggcgc	gaagggaatt	acacnaaatt	tttntccggt	tggonacccg	atgaacaaaa	780
agcaccnctg	tggtggaatt	taacccca				808

<210> 695
 <211> 895

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(895)
<223> n = A,T,C or G

<400> 695
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ctctctgcgt atccccgagc gctcttatcg atcgtctcct tctccccctc cacttattcg 120
aatttttagag agccaaaact cgcgcgagcg tagccccgcc gtcggaaacc caagatacgc 180
ttttcaggac aagagtcctt accttatctt ctgcaacacg ataataaaaa acaactccaa 240
aaaccgcaaa aatgggttaag gaaaccaagt actatgacac actgggtgtc gccctactg 300
ccactgagca ggagctgaag aagcctacaa ggctggagcc ctcaagtacc acctgacaa 360
gaaugcagac aaccccgatg ccgaggaaaa gttcaaggag gtctcgcatg cctacgaaat 420
cctctccgat ccccagaagc gacaagttta cgtacagtat ggtgaggcgc gctccaagg 480
cgggtgcgga agtgggtggc tggcgcgca agaattgttt gctcagttct tcggaagtgg 540
tggtttcggg ggcattggcg gcatgtttgg cgggtggcgg atnaaccgcg gcccccccaa 600
ggcccgaacc attcaccaca cccacaaggc ctccctggaa gatattctacc gngggaagat 660
ctntaagctc gctnttcaac ggcaatcatc tgccccaaagt gcnaagcctg ggtggaaagg 720
anggcccttg naaacnctca ctggctgnga tggccacggg atgaaaaacna tgatgcgcag 780
atgggtccat gaccancctt ccaaactgtt gccccgactg aacgggaggg gaaatatnaa 840
gaaaagaacg ttcaanagtg tacggaaaaa acctgncac cgagggttttc cctca 895

<210> 696
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 696
gatgcggcct ttctcctttg catccatccc tcgcgctact cgcattacca ctogaatcaa 60
cccgtttttt actcaacctc gcaactttct ctttacacaa gcaatcatgg gtgtcgaaaa 120
gactatcatc acggagggtg acggcccttc ccccaagggt ggccagacgg tcagcatgga 180
gtacactggc tggctccagg agaacggcgg caagggcaag cagttcgata gctctgtcgg 240
acgtgggtgac ttcatgttca agattggcgt cggtcagggt atcaagggtt gggacgaggg 300
tgtgtctcag atgaagcttg gcgagaaggc tactcttttt atcacccctg actacggcta 360
cgggtgctcgc ggtctccccc gtgccatccc tcccaactcc actctcater tggatgttga 420
gctcaagaaa atccgataaa tgtgtctctt aactcccgtc acctttcgat cgatctcgga 480
gcatccaggc cctgacgagc ccgttataag ctagcaatgt tcaacaaaac cttataaaaa 540
tcaaccgggn gttcattata cccctacata catgcagcac tta 583

<210> 697
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 697
ctcttcacct cttactccct caactctttt cttccccctc cccaccaatc atccctacgg 60
catccgaage tgtctgtat attccctccc ccttcgcatt ccgcgcgcgc acattatcac 120

cagtaacccat	gtctctcgc	gacnaatcca	accgcacgt	cnaacaattc	gacttctccg	180
acgatgatct	caacagaagt	gtgaaagaat	tcttgaggca	aatggacgag	ggcctccaaa	240
atgagggcac	aagtctccag	caaattccta	cctacgtcac	cggcggtccc	aacggcacia	300
aaaagggcct	ttacctagct	gntgatctgg	gaggcacaaa	cttcaaaaagt	ctgctccatt	360
atgctgaatg	gcgacaccac	cttnaacctc	acttacaaca	aggggtgctat	tccaaaaacc	420
ttatggncgc	aagcacctna	acaaacctgt	tnttttttct	cgccaagcaa	ancnaaatct	480
tctgggaagg	caccccgccc	gagcactttt	aacttccact	tgngccggcg	gaacaccttc	540
agcgccccct	ttgggttatt	gnggaagaac	acaattttcc	ggttgggctt	cactttaatt	600
tccccgcaag	cagctttgtt	at				622

<210> 698

<211> 577

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 698

aaaaacctat	tgccagatac	agattaaact	tcactatct	tttgtcttcc	ctttccccct	60
ccacttaatt	tttcacatct	catcttgaag	aagagcaaaa	tcactcatgcc	agtgattgac	120
ctgggcgaat	ccatcccttc	tgatacagca	catgctgtca	gtgtctccct	tccaacttgg	180
aaagccaatg	ttgggtacga	ggagggtgaa	gattgggttg	tgaaccgtat	gaccacaggt	240
tacctctgct	ttttcgttca	cagaggcata	caggcatttg	ccaaagaaat	cgtggatcgt	300
tatggcagcc	ccggccagca	agctatgctc	ttccctacac	cgcgagtagc	aaatcggtgt	360
ctggatttta	tagtccaaag	gatctccctc	gagctggcga	gtcagggtccg	catcttcgac	420
tttgcctctg	acaagtcaaa	gganctctct	cctgtattaa	agaaactcac	ttctactatc	480
tctgctgtgc	tttatccctc	tgagggtattt	ctattgcgaa	acaataactg	cnacatactg	540
gaaaagggtta	cttccagcag	gcgtgcgcag	ttttgtc			577

<210> 699

<211> 628

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 699

cgatattgca	ttgcagttgg	ttgttgactc	ttattgattg	tctcctttta	cgctcgtcttt	60
atcgtcttta	atcctttttc	acttcgcgt	tttaccgttg	tactcgagta	atcaaccgac	120
aagatggctt	ctgcagctgc	cgagaacgct	tcaccgattg	gtattgccaa	tctgccccac	180
cagcgacaca	agattgtgc	gaagcgtggc	gccggcttca	ctattatggg	tgctggcgag	240
tctggtctgg	gcaagaactac	cttcatcaac	actctcttct	ccaccaccat	taagaactac	300
gcggaaccac	agcgagcgca	ccagaagcag	ggttgcaagac	cggtgagatt	gagataccaa	360
naetgacttg	aggagaagtc	ttcaaggccc	atgacccgta	ttgataccoc	cggatttggc	420
gactantgta	acaaccggga	ctcttgggatg	cccatcatcg	agttctngac	gancagacga	480
gtctacatgc	ttaagagcag	aagcccgccg	taaggacaga	tgcacttcgn	gtcatgctgc	540
tgntcttata	gccttaaggc	caaccttaag	ctttgcattg	nygcattgaac	ncnttggctg	600
gcgtaactgg	atcttggtnt	tgcaagn				628

<210> 700

<211> 1034

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1034)
 <223> n = A,T,C or G

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<400> 700
ggtgctgatg tcatgaggt cgccaaggcc gtcggtgttg acccccgtat tggtaacaag      60
ttcttgatgg ctggtatcgg tttegggtggc agctgcttca agaaggatgt tctcaacctt      120
gtctaccttg ccgagaccat gggctcttccc gaggtcgctg agtactggcg ccagggttgctc      180
aagatgaacg agtacgcccg tgaccggttc tccaacccgt gtcatacaagt gcctcaacaa      240
cacgcttgct ggtaagaagg tcaactatcct tggctttgcc ttcaagaaga acaccttcga      300
caccgctgag gctcccgcct ttgagatgat caagaccctc ctcgaggagc gtectcgtga      360
gategcgcgtc tttagacctt gctgtaacct tctgggttatc aaggctgaga tcaaggagct      420
tctcggtccc cttgctgagg gccacaacat caccgtccac ggcaatgcct acgacgcctg      480
tgagaagaat accgccatca tcatcgctac tgagtccgac gaagtccgc aacaagcctc      540
ctccccctcc tgcctctcaa cctacggtca agcccaagac tatttgggcg caagcctaac      600
cccaagtcctg acccccgctc cttcaaggag ggtggcgagc ccaacgagct cctcgctctc      660
cacaagcctc tcttcacgag acccgacgtc accacccacg accctctcga gcgcttcaac      720
attgagccca gctgtgagga cgactgccct gactgcaccc aggagcgtga gagcaaggag      780
agcggtctcg ccaactggat gggaagcctc cgaggagtac aagcccaagg agcgtgttga      840
ctgggtccgc atctctgaga gcatggccaa gcctcgctgg gtctttgatg gccngngtgt      900
catcgattct cgggagatgg ttaanctggg cgtccgcgtc nagaggtgtc ngtcgtcagc      960
accgnttcta gatggcctaa ttggatttaa gnnttatatt caacnggcga ccttttaaaa     1020
ttttntttgn atgn                                     1034
```

<210> 701
 <211> 871
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(871)
 <223> n = A,T,C or G

```
<400> 701
ctgggtatgaa cctcgacccc tacgatcgca gttgaatccg aatacacact gcgcttcgcg      60
actttcaagg tccgcggctc cagcaaacaa ccaactaacg ggacagcata atcgacaact      120
gatcacgcgt acaatggggc acgcagtcac tgagggttcg aactggcgcc tctgttaggt      180
tgcccgagtc gttgttatca acggcgacca ccccttcgct ggccacctgg ccacgatcgt      240
cgagatcctc gaccacaagc gaattctcgt cgacggctct tccgcgaacg ctagcctcgc      300
cactccccga caagctgttc cctcaacaa ggttctctct tctctctct ctgttgaggg      360
cctgaaccgt ggttcccgaa ctggtgtcgt ccgaaagctc tgggagaagt ccgagatcga      420
ctccaagtgg gacgagacca actgggcca aagcgggac cagatggagc gaangaaggc      480
tcttaaccgac ttcgagcgtt tccaggttct ccgactcaag aagcagcgac gattcgaaaa      540
gggcaaggct ctggccaang tcaaggcctc cgcataaatg ggttatttag ctggagtcac      600
gggaggtgct tgaaagtcgg gtttaaatca agtggcacgg aacagggtac naaacacaat      660
caccggttgt atagaggctg ctggattctc ttttcgttcc gttctggaag gctgtatgcc      720
acatttcgtt tttttcaaga tgaacggcgt caatacggaa attctgagat caactgaatt      780
cttagcatga ggaagcacc aaagaacatg gattcattgt gaagtgtagc caaaataaaa      840
atgaaatgaa taacccctaa naaaaaaaaa a                                     871
```

<210> 702
 <211> 846
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(846)

<223> n = A,T,C or G

<400> 702

cgcaccattg	aaantcggtc	cttaacttttg	tggtataaaa	ccagacatgt	gcgaagcaac	60
ttctcttttc	acccacaaaa	ttctcgagca	cactagatgg	ttcgggtgaac	caccttgcg	120
aagaaaacag	ctatcaattg	cgagagaacc	agttgctaac	catggttgctt	gcaatgttac	180
cagccaggtt	acctgtgcc	aaggcgcttc	cagcaatgct	ggangcggtg	ctgaacttgt	240
cgcaccgaga	gaagccagg	tgttcatgat	tgtaagaaca	agggcgatga	caacgagagg	300
cagccatagg	aactgtagtc	gcacgagagc	aagaataccc	atnagaaccc	acagcatagg	360
ctggatatac	agagcgagcc	acaaaaaccg	ctgtccgtan	ggttgatggt	cttggttcca	420
ggctcactgc	tctcaaacac	ccactgcgac	tcgcccgaact	gggcatcaac	ctcgttccac	480
naacgcagac	caacgagaca	acaaccagca	atgtttcttga	tgtagtaaaa	gtcgccggcg	540
aagaaaaaaa	tggtaatgat	gaaaatcatg	atcatgcttt	gtatgatcca	caggccgaga	600
aagtagataa	ggacacttga	tattctgaag	ccgaggaaag	tgaggagcgt	aatgggatgc	660
gcgctgaggc	gccagctaag	agcgcccggc	gcggcggggt	gtgggttgct	ggcatccatg	720
atagatggaa	taagttgcag	atgttcagg	atctgtcaag	gtatctcgat	ttctctccgt	780
ttcaaggga	ccgtagtcgt	ggagaaaaat	tgccaaacta	gaaaaggagc	gttggttcga	840
ttcttc						846

<210> 703

<211> 1149

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1149)

<223> n = A,T,C or G

<400> 703

catcaaagg	gaaaacgtta	cctatcaact	ctccttcta	taaagctaac	tggtctctcc	60
tctgtttttg	taaaagattc	tgaaacctaa	tccaagttat	tgtagtacct	atagaacaaa	120
cactcccttt	ttccaatctc	attccttgtc	tatccttggt	tagctttatt	tactattttt	180
cgacacaaac	accaacacaa	atagacatca	tggttgaggc	tcagttgaac	gatttccctt	240
cgtttttctc	cctcaaaggc	aaggctcgctg	tcgttacccg	tggtctctcg	ggtctaggtc	300
ttcacgcagc	ttcggtcttc	ctacaagcag	gcgcatacaa	agtcttcac	tcaccccgca	360
aggcctccgc	ctgtgaggaa	gcttgcaagg	ctctcaatgc	gcttcccaac	ctttcacccg	420
gcgctatcgc	catctcagtc	cctgccgaact	cctccaagtt	cgaaggcgta	nanagtctgc	480
tcgcgcaggt	caagaagcac	actgatcgcg	tggtatctct	ctttgccaac	gctggcgcg	540
catggggcga	gtcttttgat	acgcccctga	ctctgccttt	gccaaaggtca	tggtatctcaa	600
cgtcaaggct	gtttttcaaca	ccatccgtct	cttcacacca	atgctcgaga	agagcgcatc	660
catccaggac	cccagccgag	tcacatcac	agctagtgtt	gcaggactcg	ctgtcggcac	720
catttgaaag	cagggaactt	acggttactc	cggcagcaag	gctgcggtgc	tacatctcgg	780
acgcaacctg	gctatggagc	tgggaccccg	acacatcac	gtcaactcca	tctgccctgg	840
tttcttcccc	agcaagatgt	ccaacggact	gctggagatg	tcgggtgggtg	ccgaccagtt	900
tgccgcttcc	aaccccatgc	gcagacttgg	tcagcctgag	gatattgctg	gtgtcgttgt	960
ttatttggt	agtcgggccc	ggatcgcatg	tcaacggcga	gacggttgct	attgatgggtg	1020
gtgcccgtg	gcaacgtgga	gagctcatga	ttgcggagaa	ggccaagcta	taagtgtttt	1080
cggcgaacaa	tttattataa	aggcaaccac	taatttatag	catttgaatc	gaaatacaat	1140
atcatatgt						1149

<210> 704

<211> 742

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

```

<400> 704
ggtcgctccc atttccgata tccacggcgc ccttcataaa aatcatccaa aatggctgct      60
cttatcaagg ctgcgaacgc caagatccgg tccaacccgg tatctgacta catttgctcg      120
accacattct ggggccctgt ctccaacttt ggtatccctc tggctgcat catggacaca      180
cagaagagcc ccgagttgat ctcgggacag atgactgggt ctcttatcat ctatgccggt      240
acctttatgc gatactctct cgtgtgcacc ccagaaact accttctctt cgctgtcac      300
ttcgtcaacg ctggtgctca gtcacccaa ggataccgat acctgaacta ccactactgg      360
ggcggaaggg agaacatgcc caaggagcag ctggtgcaag cggctgaagc tgccaagggc      420
aaggtagaga agccacggag aaagttcaga acgctgtcag taaataaaga agatgctaga      480
cagacggcca ctgggaggat cggatatatc ggctgtaagc cgtccatata atggganccg      540
ccccgggttg gggttcggga ttccgaaaat ttcatcanca cacaactacc gcaccatgac      600
tttgtncctt tacaataatt tgttctcca tcgtctagaa ttggcactct gaaaccgggt      660
actgcagtac ttgtgccgga aaaagtgtgt gaaggatcaa attgganacc naatcatcca      720
aatggttaaa caaaatatnt ct                                     742

```

```

<210> 705
<211> 408
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

```

```

<400> 705
cgaggatggc cctcanntgt ttcacgctga gccacgtggg accttctacc gctacgacgc      60
caaggccatc ggttntggct cagaagggtg acagggtgag ctccagaacg aataccacaa      120
gtctttgact ctacacgatg cagagactct tgttctcaaa acattgaagc aggtgatgga      180
gganaagttg gacgccaaag acgtacagtt ggctagcgta accaaggaga agggcttcag      240
aatatacaca gacgaggaga tggccgcagt cgtggagcgg ctgccagcca actaaggaga      300
tgttacccac gaatcaagag aaattacgaa tagacacaaa ggcacccaag ttgggggcat      360
taacggtatt aatacaatga tccgaaacat gtttgnagga aaaaaaaaaa      408

```

```

<210> 706
<211> 253
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

```

```

<400> 706
tgacaagatc cccgttctta tctacgctgg tgatgctgac ttcattctgca actggctcgg      60
aaaccaggcc tggaccgata agcttcagtg gtctggccag aaggacttca gccacgccga      120
cctcaagcct tttgagcaag ccggcaagga gtacggcaag gtcaagtcca gcggcaactt      180
tacttttatg caqatctatg gtgctggcca catgggtccc atgggacagc ccgaagcttn      240
ttatgacttc ttc

```

```

<210> 707
<211> 535
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(535)

```

<223> n = A,T,C or G

<400> 707

caaaatggag	gcacggtctc	tcaaagcatg	ggagttggac	aacaatgtcc	agttagttga	60
cccaaacgc	gacgtntct	acaacttcga	tgccgatgct	caaaaggcca	tcaataagga	120
acaaccngg	aagcaagatc	ccagtcactt	caagcatgta	cnaataagtg	ccaccgccct	180
cataaaaatg	accatgcatg	cccgctccgg	cggcaatctc	gaggtcattg	gcttaattgca	240
aggtacacc	caaggcgacn	ntttcatcgt	caccgacgca	ttccgacttn	ctgtcgaagg	300
aacagagact	cgagtcaacg	cccaagacga	agcgaacgaa	tnntttggcg	atatntaacc	360
tatgccgacc	caagggccca	agaaaacgtn	ggggcttgta	ccacagcacc	cggtnttggg	420
tgtggtgagt	gnatcacggg	acctgaacct	gcacacaatt	caggatcctt	tnntgttggg	480
ggancaccgc	acgacattac	tnngnaaggt	gaatnggccc	ttaaactccc	gcgat	535

<210> 708

<211> 385

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 708

agcnngactg	ctgctgcgga	aagcggcgac	atgttactga	gggccaattt	cctccgcgga	60
gcattgccta	atgtgcccac	atccggttat	tccgaagcga	ctcgcgcaat	cattcagact	120
tcagaacaaa	ataccatac	tgntctcgtt	gaaggctatg	gtcttcgtga	atgtatgact	180
acggagggtg	tgattggcac	caaggcaagc	accaacaacg	tcattggaatg	tagggacgtg	240
cttggtatcg	aagctgcaag	aacaacaatc	gctgncgaaa	tggtctctgtc	atgggtgata	300
tgaatattga	tccccgccac	atgcaacttc	ttggcgacgt	gatgacctac	aagggngagg	360
gtcttggcat	cacacgtttc	ggggtt				385

<210> 709

<211> 547

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(547)

<223> n = A,T,C or G

<400> 709

ccctctgttt	ctacactgtc	gcaacgcggt	tgatgatttc	gtcgagacaa	tgacctcata	60
catggagaag	ctaccccgcg	gtggattagt	acacagcttt	gttggaagcg	catctcanat	120
gganaaaactt	gtatccatgg	gtttcggagt	gagcgtnaat	ggattcantt	tccagaccac	180
anaaagtcta	gagatgggat	ccaanattcc	tctcgatgcg	ctacaactcg	agacgggatgc	240
cccggtgggt	gaactcaaga	gcacatctga	agtantcaaa	caatactgcg	ccaacgccag	300
gcctctgcgc	gcgtcgaaga	agagggataa	gtgggatggt	aagtgcattg	ttaaagagag	360
gcatgagagt	tgcaaatatg	agaggtttgc	tctgattgtg	gcgggggttg	aggggtgttg	420
tggtgatgaa	gttgetgaag	cggcgtggan	gaatagtgtg	aggatgtttg	gacttgnacg	480
acgatnaatg	ttcaagagta	aataatagtt	atacgaatga	agcgatcaan	tcgccaattt	540
tjttgag						547

<210> 710

<211> 533

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 710
 naagaactaa cagcncacc cacncccatc tccagacact ttacatcatc agccgataac 60
 tactactaca tgatcaccat gatcgacaat gtcttccgat cagcagattg tcttcaccaa 120
 aaacgccccct gcggegtttg gcccctactc taaagccatc aaaaccccccc acatgatcta 180
 ctgctctgggt cagatccctc tcaactctga gggcgagctt gttcagggtta tcactgagca 240
 aacccgtcag gcttgcaaga acgtccaggc tgtcgtcgag gaggtctggtt cttctctttc 300
 caaggtcggc aaaactactg gcttcatttc tgacatggcc tacttttgctg agaatcaaca 360
 caaaatacga gaagtgggtt tctcacaagc cagcccgtag ctgtgttgct gttaanactc 420
 tccccanaaa cgtcgatggt gaggggtgagg tcattgctct tcttaaaccg cgaaatgatt 480
 aaaagaaaag aaggggtgatc atatagaacc caataaaaaga aattatccca gtc 533

<210> 711
 <211> 505
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 711
 ctccacttgc tttgcatttc gccatttca atccatctac catcctcagc cggccgagct 60
 cctgttttctg tccatcgta atttctcttc tnnaaagtcg ctctttttctg ctctgttccc 120
 ttganccoga cttggaccta agcatcgctg ttcctcttca cgattctcat ctcgacacgg 180
 cctnttggnc cccggaatct cgtttaatct ctctgtctgc gcgtcaacca cccgacacca 240
 ctaccccggc cgatcacgat gaattctcan ggcaacaacg atgtctcccc cgaggctatg 300
 caatcgcnaa ttcagcaggc tcgtcgcgaa gccgaaactc tgaaggacgg aattaagagg 360
 aagaaggatg accttgccga cacaactctt cgcgcagtcg cgcaacaggc acatgagcct 420
 attcccaana ccagctcatg aaggctaagc gaacgctgaa gggtcacttg gccaaagattt 480
 acgctatgca ctgggtcaacc cgaca 505

<210> 712
 <211> 556
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(556)
 <223> n = A,T,C or G

<400> 712
 caaggactgc tgcacagttc aaactgactg tatgggatta tgacttttgcg gacaagcccg 60
 acttttttggg tggagccgac atcaatctcg agtctctgga tccgttcaga ccgtctgaga 120
 ctaaaatatat tctcgacggc aagtcgggaa gctggtgcat ccgacttcta ttcgganccg 180
 cctatgttca gcgagcacgt cagggcacat ccaccttttg cggcactttc tcgtcagctc 240
 ctgggcgtat cgtcactggt gtgcgcgggtg caoctatcaa gggcggtgoc gctgtggggg 300
 gagtgtttgg ccaaggcggtt ggtagggggtg cttcattctt ccgtcgtggt atcttcaaca 360
 agaaggacaa caacaatgac gttatcgaa aagacaatga aagttgttga gcctcaaggga 420
 ttaaaccccta atggtaacgc ttgnggacaa tggcggactt cgnogacgcn ctgctattaa 480
 cgaggaaggt acttcgaatg gnaagtogaa cccctaccag caatggncat gttangtccn 540
 aaaagttttg gccagt 556

<210> 713
 <211> 643

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 713
cactgacgac gacgatttta aacgaaacat accgagtacc taaactttct ctcctttatc 60
aaacccaaaa gccctggata ctgtataggt gacgctgtga accgtaacct tctttcagcc 120
tgaccccaact acccgacact gagtcgagac tcgctacgct attttcctgc ttcaacaaca 180
tcagacgaga ccgactctac aagaggaaca ggacgggttac tcctcatcct catttatatt 240
aatctttccc ctcatacaacc tttagcgatca acaaccgtag acatgtgggg ttgggtcggg 300
ggcgccgcgg cccagaagcg caaggatact cccaagaatg cgatcctcgg tctgcgagcg 360
cagcttgata tgcgcagaa ggcgcgaggg tatctccaga atcagattga tgagcaggat 420
ggcctgcggc gcaagaacgt gagcacaacc aagaatgcgg ncaaggcggn cttgaggcgc 480
aagaagacac acgagcattc gctcgacca aacgtttcgc aaattggtac tttggagcag 540
cagatcaacg ccctcgagtc ggncaacatc aaacaaggaga cattgggccc gcattgagcg 600
acgccaacgc ngnaatgaaa catatccaca agggtcntac ang 643

<210> 714
<211> 590
<212> DNA
<213> Fusarium venenatum

<400> 714
cctcccaggg cgtcatcacg ttacggttgc agtcgccttt gcgagctctt gacagcctat 60
tcacgaatgtc tcacccagaag aacgagaagg aagtcgggtga tgctcccaag agccaccgca 120
tcogaattac cctgaccagc cgaaaggctc agtctcttga gaaggtcagc gctgagctta 180
ttgagcgagc tcgcagcaag ggcttcacca ttaaggggcc cgtgcgtctc cccaccaaga 240
acctcaagat caccaccgca aagaccctct gtggtgaagg ttccaagact tgggactctt 300
acgagctccg cgtccacaag cgcctcatcg acctccacgc cccaccgag gttgtcaagt 360
ccgtcatcgt caacatcgag gcgggtgtcg aggttgaggt caccatcgct gcttaaatgt 420
ggtcacggtc ctaatcagtg gtaaaaaagc ccggtggtgt cctggcattg tgaggggaagg 480
gaatgatggg aacatcagga tcttgcccgc caacaagagt ggtggatata ggatactcag 540
tcattgattaa tgaatatctt gagaaccgcg tgttctacca ttcaaaaactt 590

<210> 715
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 715
tggttgatgct tctgagagaa tctactggg gctccttcgg tgtttgaagt tcaatccaa 60
atccttgatc gtgacaaagt tggaactgg ctcctgtgaa ggtctctgaa gttcccaacc 120
ctttcaaaagt actcgttgcg tgagaagggt cgtgtctctc accgtcttat ctggagttcc 180
agcttcagag ccttcttctc taccaggtac ccaaggacaa gcgattcggg ctgganggtt 240
gogaaancct tgttcccggt atgaangcct tatcganccg agtgttgact aaggtgtcaa 300
gpatatcgtc atcgggtatgc cccanccgtg gtggtccctc agtctctctc aagctgctcc 360
cgaaagacaa acgagtcacat cctcaacgaa ttggcctggg aaatcctggg ggtgaaggat 420
gaaggctcct gggtgaactc aagttaccaa ccccggtaat gaaactttcg agcggcccca 480
aagcctttct gggaaa

<210> 716

<211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 716
 ctgagtacta actgtaagag gtacctgact tccagggtcga ctctcacctt ttaccccatac 60
 ttcattgacaa ggcccccctta attaacccac atcccactct catcttttctt tgcccataat 120
 tctctaataa tgcttcatgc aaatctacca tttttctaat ctaagtatct tgttttattga 180
 ttgaccatta gaaacaacag gacgacagtt agtcaaccag taattgcact tctactacct 240
 gcgcgcgcatc ttgtatcata cctccatcat ggcaactgat cgcgtaaaag cctccgctcct 300
 agtcgggtgag aaggacccgc gcttgggaagc ccgtgaactc cccaaagcctt ccaacaaaga 360
 agtcaagtg gcgtacaat ctactggctt ttggcgctca gatcttccact actacaacca 420
 ctttcgcaat ggcatatta tegtgcgaga gctctcacc ctcggtcatg agtctgcagg 480
 aacagtcgta gctgttggtt cagaagtcac acacctcaag cccggtgacc atgttgccct 540
 tgaagttggt cttccttgcn aaacctgcga actctgtggc gaaggg 586

<210> 717
 <211> 559
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 717
 ccaaacccat ccgacgcgga atcattccca attgcggcac caccagggaa cgaaatcatg 60
 tcgcacatcg actacgcctt ttacnaaagc ccggtgggct atgccatctt caagggtgggtg 120
 catcagcagg atgcgggttg cttgaagttg aaggataccc aggctgctac taacgatctc 180
 gccaaagtttg gcaagatggt tcaactgacc aacttcagcc ctttcagggg tcacgtcgag 240
 gctcttgana acatcaacct cgtoactgag ggtatcgtct ctgactacct caagtctgtc 300
 ctcgaaactca accttcccca gacgagcggn aagaaaacca ggtcgtcctc ggtgtttccg 360
 anaanaacct cgtcgggtgcg atcaangctn aattccccgg cctcgagtgc gaaaccgcgc 420
 atcttttgac atngttggcg acgtgattcg cggatatcca ctgccccga taacttntcg 480
 gnggactcaa ataccngat gtcaaaaang ccggtctggg tatggtcacc cctactcccg 540
 gccaaaggnaa anttaaggt 559

<210> 718
 <211> 643
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

<400> 718
 gttccqaata atgggacgac caaacccccc agttgttttg ggccctgttg actgctctgt 60
 cgcctttgtt gtttgcgata tggccagagc tgatgctccc gtcactatg tctcggactc 120
 tttactgat cttaccggat actcttctcg tgaagctgta ggccgaaact gccgcttcc 180
 acaagcacca cctggacaag agcgtcgctc ccataggaag ggccgagaca aggtcgcctc 240
 gcatcgcatg cgtcaggccc tcatggctgg aatggagatt cagacttctg tcaccaacta 300
 caaaaaatac qgacagccat tcaacaatct cctgaccatc attccagtcc ctgacgacaa 360

cagtggcacc	tgtcactgca	ttggetttct	atgcgagatg	gattaaatac	agctattcat	420
aatagetgcg	atattcgacg	acacgacgat	atgacacaat	atgacncttg	aagctacncc	480
tacgtttttt	ggctntacac	gatgcttgga	aggngggcct	cgccaacaac	atantttcaa	540
attgcagtcc	gaggccaact	nattttactan	ttttcggggt	caancngcct	tggttnat	600
ttatccggat	acngttaagg	gttccaattt	ttacaaaacc	ttt		643

<210> 719
 <211> 416
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 719						
gcaacaagcc	acccggagag	cttccccgtg	aatgcctctg	ttcctatcaa	gggtacacca	50
cttgggtgaca	gacccgtggg	ggagttttacg	agcatgctac	gcaccatcgc	gacggcgcg	120
atcatcatgc	cctctaccat	catccgnatc	gcagcggggc	gcaagaccat	gtcagaggag	180
aagcaagcgc	tgtgctttca	tggcaggtgc	caacgccatn	tttacgggag	aaaagatgct	240
cacgaccgat	tgtaatggct	gggatgagga	ttcacccatg	tttgggtcga	tgggggttgg	300
agcctttgaa	ggccttttga	aaaagtccnt	ttaagccttg	caccganac	gaggggttct	360
tnanaataat	gatttcatnn	aaaaaattat	aaaatcggaa	aatccgntng	tcgttt	416

<210> 720
 <211> 644
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 720						
aaagccgaag	acggcatccc	catcactacc	tctacaacca	atttcttcca	agaaagaact	50
ctcgctcagt	cgtcgcaatg	actgctatcg	agagttttga	taacatctac	ttggatctct	120
ccaaggagag	cggaaagtgc	agattttgccc	agaccgggtt	cggatggaag	cctgttggcg	180
gcgcgcatac	cttcaccctc	gatcacaaca	acatcgccctc	tgcgcaatgg	agtcgcgccg	240
ccaaggggta	cgagatcaag	attgtccagc	gttcaaaaatc	aggcatcatc	cagctcgatg	300
gattccagca	ggaagactac	gatcgacttg	ccaagggtgt	caagaactgg	tatagcactg	360
ccctagagag	caaggagcat	gctctgcgcg	gatggaattg	gggcaaggct	gaattctcca	420
aatccgagct	taccttttagc	gtccaaaacc	gacctgcttt	cgagctaaca	tattcggaaa	480
tcggcaacac	baaacctggc	tgggtccaaa	tgangtttgc	agtcoganatg	gctcctgcc	540
aaatcgggtg	ctaatgccc	acntgggtggc	gcccggtcca	anggtccaa	aactgccgcc	600
gggcccggga	tnanccttgt	ccaagatgcg	aantcctaca	atcc		644

<210> 721
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 721						
cggtgaaggca	cgtaagcctt	ngccgcgcga	cgcttggaag	ctgtttatct	tcaagggcca	60

agacattgtc	gacacgatag	agctgagcgc	gaggagttgc	tggctcgtcg	gacgggaaat	120
gtcggttgtc	gatttgcccg	cagagcacc	aagtatcagc	aagcagcacg	ccgtgatcca	180
gttccgctat	gttgagaaga	ggaatgagtt	tggcgataag	atcggcaagg	tcaagccgta	240
tcttatcgat	cttgagagtg	ccaatggaac	caagttgaat	gatggcaaga	ttgccgacag	300
tagatatctg	gagttgaggg	acaaggatat	gattcaattc	gggcacagca	ctcnagaata	360
tgtcgtcatg	cttgaccac	gggattgggc	atcaatccaa	aaataaccaa	aacgattggc	420
gggccaacct	accaggccta	cgcaagcaga	accttatnat	gggactgacc	acctgaagaa	480
gaatcgatgc	ccaaaagagc	ctttttggaa	tccgatattgg	cttttttnatt	acagacgccc	540
agagtgnctg	attatgtgac	ttaacttaag	antttggata	anggactcac	aanggaattt	600
cggcngantc	gtaaaaaanc	agaacaataa	ag			632

<210> 722
 <211> 638
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

<400> 722						
attcttcttc	tctctacaca	aaccaatcac	actaccgcaa	aaatggttca	gcaaattcccc	60
aaggccaacc	acattctcga	cctccttagc	ctcaagggca	aggttgctcg	cgtcaccggc	120
gcttccggtc	cccaggcat	gggtatcgag	gccgcccag	gtgctgctga	gatgggtgcc	180
gacgtcgcca	tcacctacgc	ttcccgcgaag	gagggcgccg	acaagaacgt	cgaggagctc	240
gtcaaggagt	acggtgtcaa	ggccaaggcc	tacaagctca	acgctgccga	ctacaacgat	300
gttgagcgtat	ttgttggtga	ggttgtcaaag	gaatttgcca	agattgacgg	tttcgtcgcc	360
aacgctgggtg	ctacgcgcga	tgttggtgtc	attgaaggct	ccgctgccga	ctgggaccac	420
gttateccaga	tccaccccaa	cggtacccgt	actgcgccaa	ggcgtcggt	gctntnttcc	480
gaaagcangg	ccacggntct	ttcgttatca	cgcgttccat	gttcgggcac	atcgccaact	540
tnccnaaga	ncagacctnt	tacaacgtgg	ccaaggcccg	ctgnatccac	atggttcgnt	600
ttnttcgcca	acnagtgggc	gccacttttg	cccggggt			638

<210> 723
 <211> 711
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 723						
tcggaaaaac	tgcacacctc	caacatcgac	ccttccgacg	agcagcaaat	accgccacga	60
tggttgattcc	caaggccgac	cgcaagaaga	tcacagagta	cctcttccgt	gaggggtgtcc	120
tgttcgcccc	gaaggacttc	aaccttcccc	agcatccccg	tatcgacacc	aagaacctgt	180
tcgttatcaa	ggctctgcag	tcgtccaact	ctcgcggtca	tgtaagact	cagttctctt	240
ggcaatacta	ctactacacc	ctgaaccccg	agggctctga	ctacctccgc	gagtggttcc	300
acctcccccg	tgagatcggt	cccgctaccc	acatcaagca	acaacgatcg	cacgctccctc	360
cccggtggcat	gctgggtgag	ggcgagcgcg	agcgacgacc	tttcggccgt	ggcgttggtg	420
gngacggang	tgacgttgag	gggtggatacc	gacnaangga	tgctggcgag	ggcaaggagg	480
gggggtgtccc	cggggaagtt	cgctccctcan	ttccgtgggtg	galltgcccg	tgcccggtggt	540
gctgctccccc	ttcttaaaag	aaaaccatttt	atcatctagg	gggtccataaa	tgaaanccat	600
ggcgaaagggt	atcggnattt	ctcataaaaa	tgyagggcaa	tttctaccat	gggtttcgt	660
catgtgacaa	gggttgcggtg	ggggatccnt	ggaatttttaa	gggttttaaaa	c	711

<210> 724
 <211> 983

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(983)
<223> n = A,T,C or G

<400> 724
cgggtagttc cggggcggtg ttgtatctgt agctatttaa acggcgccat tgcccatctc 60
ctgtctctac atactccaaa ccattcccagc aagtttgata tcttgctctc atcatgtcag 120
ccaaactcca caccgtgcct ttctctcatca atggcagcaa ccacatcagc gaaaacaccg 180
ctgatgtcgt tccccctca agcggngagg ttactcaccg ttacagcagc gccaatgtca 240
aggatgccaa cgctgcagta gatgctgccg ctgaggcttt caagtcgtgg cgcaagacga 300
ggccctcgga gcgtcgtgat cgacgctcct caaggctgct gcaatcatgg aaaagcggca 360
agntgagcta cggcagtaag ccattgacaga gtgcggcagt gatgctgcct gggccagctt 420
tgatctcaac actggcatta gccatatcaa ggagattgct ggtccgtgta agaacacttg 480
aggggttcaat cccactggt ttggatccca acaacaaccg ctctcgtctt gagagaacca 540
tatggtgtcg ttgtaaccat tgccccctgg aatgcgcctt atatcctggg aacaagatcc 600
cggctctctc ctatcgtctg ttggaaacac cgggtgtttc aangntagcg agagntgcct 660
tcgaacattg tgggcaattg gcgatatttt agaagaagca aggggttccc atggcgttct 720
tnacgggtatc ttctatgagc gagcaacgcc ggatntggca cgacagntnt tattgagcac 780
ccttcaagtc aagaaaaata actttactgg naggacttca agttggncng gttatcgga 840
agaatggtgg ggagaacctg gagcctggta ttctaaactc tggnggnaag ggttctggga 900
attgttnggg aggaagccga ctttaacntt gccgggtttta aaggggacgc ttngngcct 960
traattaaat nttgggcaaa gtt 983

<210> 725
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 725
gtctcatggt ggacaccggg tacagcttct gggtatcatg ctttgactta tgggtcatctt 60
cttggagagc tegtctgtcg agtttctggc aaatcgctgc gtgagtttgt cggcaccgag 120
atctcaggtc ctttggacgc cgaactccag atcggcgctt cgaaggagac gttggaccgg 180
gttaccacca tegtacctcc ggacgcttcg ggtatctcaa tcgattttga ggtgggtct 240
gtacaagaaa gaacattgct caaccgcgcg gtagatccca actgcgcaaa cagtgaagyc 300
tggaggaacg cagaaatagg ctctgccaac ggtaacggca actcacgacg gctcgcacgt 360
atcctgtctg ttgttacttt gggagggtgaa actggaggca agcgcactct gaangaagaa 420
acgggtcaatt tgatctttga agaacagcaa tccgggactg acttggtttt gcaaagtcc 480
ttcanaattg gaattgggtt cggattgacc catgtgtcgc actagactgg ctcccaaaaa 540
gcaaggttnc ttttgggggt ggctggggaa gttcttttat tgtcatggat cttga 595

<210> 726
<211> 578
<212> DNA
<213> Fusarium venenatum

<400> 726
ctcttctctt ctttgcgacc aattcaatcc agcgaaaacta tagtcgctgt ctcccacgca 60
cgatcagact cgaagttctg gttggcactt gcgacatctt cactgagaaa cgacctacct 120
cgatcaacag ccgcgaatcg atacactcta ttcaaaatga atgcgccaga gctgagcag 180
acccctctcg aggtctgtag tgtccacacc tcaaggatcc agcgaaaata ccaagctttg 240
ctagaccagt caaccctctt cgttctctat agatgggtcg gcacagttgt ctgctcgtg 300

cttttcttcc	tgcgaatctt	ggttgccgag	ggctgggtaca	tcggttgcta	tgcgctcggc	360
atctaccttc	tgaatctggt	tcttgctttc	ctgcagccca	aattcgatcc	ctccaatgaa	420
gaagccgaca	atgatattga	ggacggctct	gtaggcaccc	tgcctaccaa	gtccgacgaa	480
gagtcaagcc	cttcacccgc	cgacttcccc	agttcaagtt	ctgggtactgg	gccacccgag	540
ccattgtcat	cggctttacc	tgcagttggt	tcaaggt			578

<210> 727
 <211> 653
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 727						
accttcacca	cgaactcga	agtttccagtc	tccgcccac	ttgcggttaa	attgattgat	60
ttctcttggt	ctcgctgact	ctaaacaaac	cacattcaaa	atgaagcacc	tgcagctta	120
ccttctgctc	agccttggag	gcaacacctc	ccctctgccc	gctgatatca	aggccgtcct	180
tgagtcggtt	ggcattgagg	ctgactctgg	tgccttggat	actctgattt	ccgagcttga	240
gggcaaggac	attcagcagc	tcategctga	gggttccgag	aagcttgctt	ccgttccctc	300
tgggtggtgcc	ggtgctgccc	ctgggtggtgc	cgccgcccgt	ggtggtgccc	ccgaggaggc	360
caaggaggag	gagaagggaag	aggagaagga	ggagtccgac	gaggatatgg	gcttcggtct	420
cttcgactaa	gcgatctcta	cccagagatt	tgcaaagtaa	cgataacctca	cgaatttcga	480
agatgccacg	cacgggttgt	tcaccagttc	ttacatgtct	tttgctgga	tggattggcc	540
gctcatggct	ggattgggtc	tctctaagga	tgggataaca	tacnggtatg	gaaattaaaa	600
aaaaggcggt	cggctcttcg	aaaaanattt	tttctcntat	tttnttatat	ttt	653

<210> 728
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 728						
cgactcgact	tcggtgcagac	tttacaatct	cccacccgca	cgccaaaatc	cattcacaat	60
gtctcagccc	gagctcgctt	cgctctacgc	ggccctgac	ctcgccgacg	acggctcttga	120
gataccgccc	gacaagctcc	agacccctcat	caaggccgct	aaggctcgagg	aggttgagcc	180
catctggaact	tccatctctg	ccaaggctct	cgaggggcaag	gatgtcaagg	accttctcgt	240
gaacgtcggc	tccggtggcg	ctgctgcccc	tgcgcgccc	ggtgcccgcg	ctgctgggtg	300
tgcgctgac	gaggtgctc	ctgaggaggc	caaggaggag	gagaaggagg	agtctgacga	360
ggatatgggc	ttcggtctct	tgcactaaga	agttacgccc	ctacgactgt	ttccttggtc	420
tttgtacttc	gactgcatgg	cttcgggggt	tccaatcaat	cgatcataaa	ggatggaatg	480
cgggcactat	accctgcgcc	ctggacagaa	gtccgcttnt	ttcatacnac	gctatgatga	540
atgcctttaa	cggagttctg	cggaggggaga	attgggtcaat	tcaagggtctn	tgataaaaaa	600
aaagtcgggc	catgggtggt	ttgagttccn	aaaaaaaaa			639

<210> 729
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)

<223> n = A,T,C or G

<400> 729

gccctttcca	aattccctaa	aattagagct	atcgagagag	agctcgagaa	cccagctctc	60
aacaccgagg	accgccaaaa	gaaggacgaa	gagctgcagc	aattggccaa	ccaggccacg	120
tcattcatgc	aactggctaa	tgagacactt	gaaatgatga	agctcttcac	tgacgccatg	180
agcgaggcct	ttactatgcc	tgagattgtg	tctcgtctcg	cgagcatgct	taactacaac	240
ctggaaacac	ttgccggtaa	gaaggccgca	gccgaactca	gtgttagtaa	cagggacaag	300
taccacttcc	gccctattca	gatcatctcg	gatatcgtgg	acatttacct	caatctcggt	360
acctcgtctg	tcttcacga	cgccttagct	gcggatgggc	gttcttacia	gcctgaagtg	420
ctcgagcgtg	tctcacgcac	cctcacatca	aagaaccaag	aaggaccccg	ctgtaattgc	480
tcgctgggac	aaagctgaaa	gtcaagtttg	aggaggcaca	gacaattcta	gatnaggccg	540
aactgggacc	ntggtgatat	cccggccgag	ttcgaggatc	catcatggga	gacctcatga	600
agggttctgt	cctgctgcca	acaagcacat	tg			632

<210> 730

<211> 617

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 730

ggaaaggacg	gcgaacaat	cctctttgtt	ggtgacggat	ctttccaatt	gactgcccag	60
gagctgagca	ccatgatccg	acatggcctc	aagcccacga	ttttcgttat	ctgcaacgat	120
ggtttcaact	ttgagcgatt	cattcacggc	atggatgctg	tctacaacga	cattaacaac	180
tggaagtaca	aggacctcgt	cagcgttttc	ggtgggtgaga	agacttgcaa	gacgttccag	240
atcaagacca	agaacgagct	caacgagcta	cttaccaaca	aggagttcaa	cgctgctgag	300
tgcttacaat	ttgtcgagct	ctatatgccc	agggaagacg	ctcctcgccg	tctgggtttg	360
accgccgagg	ccagcgccag	gaacaacgcc	aagaagcact	aaatgcttac	aacaattgat	420
agacgatata	ttgggaagtg	tggtctcagt	caacagatat	tcaggatgtg	tctggctgca	480
tttggcacac	tggttggggg	ttcctgtttg	gctaattata	acggttttaa	tggttttacac	540
tatagaatgg	gcacgattct	ttatgtttta	tgtattttca	attgaaaagc	gattttctcat	600
aatataattc	nattctt					617

<210> 731

<211> 495

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(495)

<223> n = A,T,C or G

<400> 731

ctctcgatgg	ccgacttctc	tcagttacac	aggcagtcac	caagcaagag	gcaccagcc	60
ttgcgagaaa	ctctctttgc	aagcgcaatg	aaaaggacaa	gggtaagctt	ttcctgctgg	120
gcgagggtgt	tatcgacaag	aactcgccct	tggtcaacct	ctctcagag	cctgagcctc	180
gtatcgagaa	gggtagtgt	gtcacaacgt	ggaagcttgt	acaaggcaac	cccagttctc	240
acttgagttt	aactcgactg	gcctgctgta	acattccccg	caacatggat	tcgaaggatc	300
ttaaaggagt	tgcgcgaaa	gtgtgtgtgt	gatttgcag	ggatgtcaag	gttggactcc	360
gacaacccct	ttcaaaagg	gagaacgccc	gagacggaaa	ggatccaagg	agaaagaaca	420
tgaacgcagg	ccaagggtaa	gggtattatt	cgccangcca	agattgtgtt	cgagagtgga	480
gaaggacaga	agatc					495

<210> 732

<211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 732
 cagcgggtgcc gtcaactggg gtgccaaagat gccaaccgac cgtgttcttg agcaatacga 60
 tgaggtcacg gatttcacat tcaatganaa gaatggaatc gactgcagct tcacacttga 120
 gtttgactcg gccattccca aaatccttat gctcaacctt gtccaagatg ctgtcaagaa 180
 gaccgtgacg caagagatct ctggtgtcag atcctgcgac ttccatgagg agaaaaagga 240
 caataagacg atcagagtca tccacacaga aggtgtcaac ttgcaggcta tgcagcgata 300
 cagcgatttt atcgaccccc atcgatatca gaccaaagac atcgagctg tcttggagggt 360
 ttcagggtgtc gagggaactc gacanaacat tgtgcaagag ctggctggcg tcttcggctt 420
 tacggnatta agnccgacaa ccgccacttg aacctgatcg gtgaccacat gacaangaac 480
 ggnggtttca caccattcaa ccgaatggg tctnaagggc aacgtcangt ccgtttacca 540
 anatgaattt cnanaccaca ttgggattcc tcaaggatgc tgtgttggat ngngactgg 600
 gatattctct taccctacg 620

<210> 733
 <211> 521
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 733
 aattgaccca aaaacacccc ttgaggagtc aattgggtgcg ctcgatgaga ttcgcaagca 60
 gaataaaaacc aagtacatcg gcttgtcaga gtgctctgct gcaactcttc gaaaggccaa 120
 ctctattgcc aagatcgatg cctccaggc cgagtaactct gcgtttgaaa cactgcacga 180
 aaccgatggc ctcatcgaca ctgctagaga attgggcgtt gcatatgttg cctatagccc 240
 cctcggtcat ggctggctag ttgatgatt cctttaccag agtcttgaag atttctctgc 300
 taatgacttt cgtcgcggtc cgccaaaatt ccaagggtgac aacttctatc ataacaaaga 360
 agatcggttg ggagatcaag aagcttgtgn ccgaaaangt gtcacatggc ccaaagtcac 420
 ttcattgggtg gcggttaagg attatgcttt cnaggacacg aancttganc cctgaacaaa 480
 atttgcttta acatgttgag tgaccacaaa aaaaaaggat t 500

<210> 734
 <211> 974
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(974)
 <223> n = A,T,C or G

<400> 734
 cggcaatcca cggtaaacca cacaacaact ttctcgctttt aacgcacacg cagcgacaag 60
 atcggaacct acgaggacac ctctctcggc gcgagaatct accctggcaa gggtaaagctc 120
 tacgtccgtg gcgacagcaa gatctttcgg attccagaac gggcaagtcg gagtctctct 180
 tcttccaaag gaagaacccc cgcgctatcg ctgggaacct cctctaccgc cgacagcacc 240
 gaagggttat ctctgaggan gggtgccaag aagcgaacct cgcgcactg tcaaggctaa 300
 gcgtgggtat gttggtgctt ctcttcgaag tcatcaagg agaagcgcaa ccttcgacc 360

cganggcccg	ttccgctgcc	cgcgcccaag	gccatcaaag	gagagcaaag	gagaanaanc	420
aggccgangg	ctgctacca	gaagtcagag	aaggctaagc	tcgctgccc	ggcctncaag	480
ggccaagctg	tncgaacagg	tcaacaagca	gggtgccaag	ggctttngnt	tccaagggtc	540
caggccaaga	cccgttaa	taaggaatgg	aacttgagcg	aagatgaaaa	tgggagaatg	600
gaagtccgtg	ggttcttctg	tctttgtccg	gccggttctt	ctacaatctc	gggtgcatgg	660
aatgncaata	gggtgcattg	atagttgaaa	tgcaaaatgg	tcaaacaaac	aaacagacaa	720
cgcactctgat	tcttgtcgtg	acgaacaagg	gatgtgcaga	tatgcggtgg	ctggataaat	780
acctcacggg	cgttattcag	gaaactagca	acttancttg	ttagataacg	acacaatgcc	840
ttacgatgca	agaccagacg	tcacgggaat	cgttcaatt	agattgtgtt	caatgggtatt	900
catgtanttt	gtctctat	tatngntgtc	tcatacgtc	gtgaaaaaaaa	aanaaaaaaa	960
aanaaaaatt	cctg					974

<210> 735

<211> 632

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 735

tgccctcgta	gtcaacatgg	ggacagtcac	tccggatggc	ctgaagaact	acctccaagc	60
catcaaggca	tacaacgaag	ctgaccgacc	tatagttctt	gatcccggtg	gtgccggtgc	120
cactgtcggt	cgtcgcaacg	ccgtcaaaac	tcttcttgaa	gctggccatt	tcactatcat	180
caagggtaat	gagggcgaga	tccaaactat	cgccggtgcg	accatcacc	aacgtggagt	240
tgactccaca	tcateccctta	gttttgccca	gaaagcttct	ctcgtagcgt	ccgtcgccct	300
acaccgacga	aacgtcggtta	tcttcacggg	cgtatcgac	cttataagcg	atggaaccgg	360
cactctggca	attagcaacg	ggcattctta	tctttgggtga	aagtcacagg	tactgggtgc	420
actctgggca	ccacaagtea	gcgctatggt	tgctgcatat	ggcgccgac	ctttntttgc	480
cgccgtggca	ggaaccgnca	tgtttgga	tgggttgccg	aacttgcttt	tcaagaaacc	540
tgaggggtcg	nggcggggg	acttctgtac	cgggtttct	tcgatgagtt	gtaccgcctt	600
ttaggggaagt	naacttggcc	aacaagtgc	tt			632

<210> 736

<211> 533

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(533)

<223> n = A,T,C or G

<400> 736

ggtgattcga	tcgctatatt	tccacgcttt	catataaaca	cgacatcatg	tctgcccaga	60
actcgccggg	catcaaacag	ctcctcgacg	ctgagcaaga	tgcttccaag	attgtccaga	120
aggcccgaga	gtaccgcacc	aagcgcgta	gggaagctcg	tgatgaagcc	aagcaagaga	180
tagccgaacta	caagggtacg	aaggaggagg	aatacaagaa	gttcgagggc	gagcacagca	240
agggcaacga	gcaggccgag	gcgaagcca	acaaggacgc	tgagactcaa	atcaagggca	300
ttcaggaggc	tggtaaagaag	ggtcaagctg	gggttatcaa	gaactctctc	agcgtgtttt	360
tcgatgtcaa	cccgttctct	cccaccaaca	ccaagtcttg	agcggtttcc	cggcggagtc	420
acggtgttta	taatcaagaa	cgtttgttag	ctcctgcact	ttggaagaca	attagattag	480
ghangaggag	gattttgttat	aagaaagaca	agaccatgag	ttcttannaa	aaa	533

<210> 737

<211> 688

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(688)
 <223> n = A,T,C or G

<400> 737
 gtccctgtcgt tcattctccac tattcaaaaag ttacggaatc tatcttatca tccaagccca 60
 aaccgcgataa gacgaaagac acaccaccaaa aaacaaatcc ctccactctc cggctccggcc 120
 ttccgtcggga gctcgccatc ttcccttccg ttagctaate tcgacttgac ttgtttctct 180
 gtcaactcgc gacaactctc cactcaacct cgtcttcttg ttcattcttc ctgtctttgc 240
 tccctcttcat ccggtcgcca gtacaatcgt cgcaatgtct gctgatcagc ccctcccctt 300
 catgtaccag ttccgcgcag gcgccattgc tgggtgtctc gagattcttg gtgatgtacc 360
 ctctttgacg ttgtcaagac ccgagtccaa ctgcagactg gttccggcgc caccgctgag 420
 tacaatggca tgcttgattg ctttccgcaa gatcatcaag caggaagggt ttctcccagc 480
 tctacggggg tatctccgac cccatcttta tggaggctcc taagcagcct acaagttctg 540
 ctgcaacgat gaattggggc aggtctacgc aaagatgttt ggcattggaa aanatgaacc 600
 agcctntttc agtctcacc ggtgccactg ntggtgccac cgagtctttc gcgtcgntcc 660
 ctttgagctc ggnaagattc gtctgcaa 688

<210> 738
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 738
 ctgaagaagc ccgagatctg gaagctcgtt gagaacgcgc aggtctacta cgttggtggt 60
 ttccacttca ctgtctgcc tcttgccatt atggagctcg ccaagcaggc tgctaagaac 120
 aacaagccat tcgtctctc gctctctgct ccttccattc cccaattctt caaggaggtc 180
 gtgatgccca gcgcgcccta ctgggattac atctnttgta acgagactga ngctgccgcc 240
 tacgccgagt cccacgaact ccccgcaag gancctaagg atgttgccaa gcaccttgcc 300
 aaccttccca aggagaacag ccaganaaag cgaattgcc aatcaccag ggcaccgacc 360
 tacctggctg ctatccangg tgaggatgag atcaaggaat ccccgctccac ccattganac 420
 tgagaagatc aatgacacaa cgggtgccgtg atgcctttgc tggtngtctc ctggcagggt 480
 tctccaagac aanctctcga nacancattg acttgacaa tgctcctctt tgacatccag 540
 aatcgaactt ctacctccca ncaactacan gcgctaattg tacacctct 589

<210> 739
 <211> 694
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(694)
 <223> n = A,T,C or G

<400> 739
 gcaggaaata gtagacggat atcaagttga ggtgcctgat tactgggctt gacttcaacc 60
 cctqqaqatt tctctgacac gaagttgttg tggatattca attcttgggt catgttagaa 120
 agacacggg ttccaaagggt aagaacgttg ccatttggga aggtggcgaa atcgtccaag 180
 ccgtgcctca cgaagtcctt atcccaagct atgacacaa caacacaaac aanctgagac 240
 tccggtccaa ttaaagcttc tgggtgggaga antttgactt ccaaaaaatt caacaatggc 300
 gattacgaaa agtccggtt ccgttnaaca ancggtctga gaccatcagc gccgtactgt 360
 atcccaatga taacctaaat tcgcccggaaa ggagccttctg tcttgaagca acaagtactt 420

ccgggggttg	gggcctccct	tatacgataa	ccgtccggcc	gctttaaaga	aatccaaacc	480
gcccttgag	ggnaatttcc	cgaccaaagg	ttgggccaat	tcaactcaaa	tgacaaccaa	540
cccaangctn	ggccaattgt	ccaanttgc	accgaatcct	canccgacaa	ttgagcaatc	600
ctcnaatngg	gaatttgggc	ctgggganaa	tcgctentcaa	agaactttta	anctacaacc	660
aaccaaact	ggttttgc	tgnaaactcc	tggg			694

<210> 740
 <211> 619
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 740						
cgattatcga	tgactgaagt	tggcagcacc	aatcccccttc	gagccctgga	tctttttttt	60
ttcacctcat	aattataaac	atggaggaag	agcgtctctg	gaagttccga	aggcccgaat	120
ggcttaacag	cgtctgggct	cgcaacgctg	gtgtctatgg	cgcgaggagct	atcttctccg	180
tcgctttcta	cattatgctc	gactccgcgc	tctgggtccaa	atctccacgc	aacggctctg	240
atateccagc	caagtttggt	gactggctgc	ccttcattct	ctccagctng	ggcatgctca	300
tcatacaattc	ggtcganaaa	caacgtttta	gcgcgcgattc	tttcagttat	agtggaaatg	360
gggtggcatg	gaaggctcgc	gtcgtcttgt	tccttggctt	tgcancccta	ctgggtggaat	420
ggctggcggt	gttaccgtct	ttgtttctcaa	gtttattgtc	ccaagtgtct	caatgcctgc	480
gttgggtatg	ggtattgaaa	acttaactcaa	caaccctttg	gtgggcgtga	gttctgtcct	540
tctttggatc	agcccacaaa	catggaanaa	aaaataactcc	tacaaccttt	cctgtgaaac	600
accataaate	gccccaatc					619

<210> 741
 <211> 575
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 741						
cagcgggct	gttctggcct	cgctgatct	ggcaggcaag	cttatgcctg	ccttgatcga	60
cagatacaac	cgtgtatcgg	atcagtcacg	ggagctgttc	cctctgctag	agtgcctctc	120
ctatgtggct	atggcaactg	gtgatgcgtt	cgtccctac	gctgagccta	tcttctgctg	180
atgcgtcaac	atcatccaca	cgaaccttga	gcagacattg	gctgctgcca	acaacccggt	240
actcgaccag	cccgataagg	acttctcgt	tacaagtctg	gatctgctca	gtgcaatcat	300
ccaggtctct	aatgatgaca	agtcgcgcgc	tttgggtcaag	aactctcagc	aatccttctt	360
tgagcttctc	agcttgtgta	tggaagacct	actgatgaag	tccgacagtc	tgccatgctg	420
ttgttgggag	actgcgccag	atatgtctat	cctttattac	agcaataacct	cccccaaacc	480
cttaccatct	tgtctaaagca	gctgggacat	ggatagtgtt	cttgatgaan	atatggatag	540
gggttccggg	gttctcaaaa	cgtttgctgg	tctgt			575

<210> 742
 <211> 650
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

```

<400> 742
gcatgggtgtc aacaaagtcc gtctccagtc ccagagcang ggaggcgccg ttatcgatac      60
caagtcacctc tcacttcacg acgatgccgc ccatacacc c gacccctcat actgtgggtgg      120
ctgctacggg gctcaatccc ccgccaatgg tcaaaaggca ggctgttggt agacttggtga      180
cnaagtcnng gaagcttatg ctccagccctc gttgggccttt ggctcgccggc aggggtgttga      240
gcagtgtgag cgcncnact atggcgagaa gttggatgag caacgtgagg agggctgccc      300
nattgagggg ggtctacgag tgaacaaggc cattggtaac ttccatttcg ctcccggaacn      360
aagttttcagc agcggtaaca tgcacgttca cgatcttaan aactactggg atgtgcccac      420
gggttttctc cagcacttca ctccaccatgt ccactccctc cgtnttggtc ctcaactccc      480
cgaccacatt gctcgcaagg tcggcacaan aacacgctnt gaccaaccac caccaaaaatt      540
cttttcgacg acactaccca agaaaaccca cgacccact acaantttat gtcttttgga      600
aaaatgggccc cactttatat ctctctnntg ggggggataa caagggcacn      650

```

<210> 743

<211> 525

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

```

<400> 743
agcacaagtt ccctcaaatt aagcctcacc ccttcaacaa agtcttccga aaggcgggacg      60
ccaacgccat tgacctcatt gctcgccctg tcgagtacac cccacccgag cgacaatctg      120
caattgatgc tatggttcac cctttcttcg acgagcttcg tgaccccaac accaagcttc      180
ccgactcgcg acacggaaact ggccagctcc gtgagctccc cgctctcttt gacttcactc      240
gtcacgaact ctcaatcgct cctagcctga accagaagct tgtcccagca catattcgcc      300
ccgttctcgc atcgcaagga cttgatatcg accacttcac acccttgacg gagcaggaga      360
tgatggcgaa actggattga gccggcctcg cgtcgaggca aagggtagtt ggcataatgt      420
tttacccttc tccggctctc cgtggctctn ggaagagacc tgcctcgtcc actcccagac      480
cganctgaca aaagtggctg ggagcaaggg ccaacaaaac tgaca      525

```

<210> 744

<211> 621

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

```

<400> 744
ctcgggcaag gttgacatcg gcgccttcag aacctaccca gccgactata agcccagcag      60
cgctgtcacc tcagatggca cccaagcagt acccctcgcc aaggccgccc aattcggtgc      120
tcacgcaagg cgatactaca gcttagaagt ctccacttc aagagctctc tcgactccca      180
ctctctagag ctacttgggc acaagtaact ggtccagata ctacgacaga acccgctcat      240
tcggaaccca gactacggca ataagcagtt gcttgatctg agttccaaga tcaaggaggc      300
gacgacaggt attaccggga gccgagctgg ccaggggcatg atgatgggaa caagcacaaa      360
aagttccgac aaggnaagtg acaagctagc caagggaagc aatttgattg ctttcaanga      420
gogactcaggt cttattgnaa atcaagtcac nggtaggcct tttcaacgat ctanggtcgc      480
gtogaatcct qcqccongaa tgaagcatga tggactcact ttatggnaat gcattgtgca      540
caaaaaaato ggnataaatg gnggtaagan ggcaataagc aatcttttac ttttctttag      600
actaaatatt ncaaaaaaaa a      621

```

<210> 745

<211> 1021

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1021)
<223> n = A,T,C or G

<400> 745
taccactcac actatctctt caacaactat ttcataaact caattcccaa tcaacatcat 60
gtctgacagc tacggaggca acgacagcta cggctccagc cgtcgcgaca atgataacga 120
caactcctac ggtccagcc gccgtgacaa tgataacgac aactcctacg gctctggcaa 180
caacgacagc tacggttcca gccgtcgtga cgacgacaac gacaactcct acggctcctc 240
tcgccgtgac aacaacgaga gctcgtacgg atctggcaac actggtattg gtggcaacgc 300
cagctatggc tcatccgaca gagacaacaa cgacagctac ggctccagca acaaggactc 360
ctacqactcc agcaacaagg actcctacgg ctccagtaac aaggactcct acggctccag 420
ccgcaacgac aacgacaact cctatggctc tggcaccggc gctggcgctg gccctggagg 480
tggaaacacc acctatggct ctcgtgacaa cgacaatgac aacagctttg gctctagccg 540
tcgggacaat gacaacgaca actcttacgg ntctagcaac cgtgacaaca acgactccta 600
tggttccagc aacacatacg gntcttccgg taacaatgac tctacggct ccagccgcaa 660
ggacaacgac tcgtttggaa ctggcaacac atatggctct tccagtggta acacatacga 720
ctccgaacgt gttaaaaacg acgacggttc ttaocggacag agtaaccctg cctacgggtga 780
cgatgacaac aacaagaagt ctggtggctt catggacaag atcaaggaca aggttgagga 840
gaaggtcaag ggacacaaga accgtgacga taacgactac taattgtaat atgggggggtc 900
gggctctagt gtattagttg acaatagttg agtgagatga gatattcctt gctcttgaat 960
tgaagtttct tttgtttcga aaaaaaaaaa naaaaaaaaa nttttcctgc ggccgtcgag 1020
c 1021

<210> 745
<211> 939
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(939)
<223> n = A,T,C or G

<400> 745
ttcaccatct caccgaggac attgaatatt ccggttcggc ttcccatccc ctctcatctc 60
gtacagtctt tccacattga ttcttttctt gatacctttt ccagttacat cacatcaaac 120
ccatcttcat taactgatac tggcttgccc cgttaccacg tctgactgac ttaacttctg 180
ttctcattat acaacatcaa acatacaaac aaagccactc tntttgcccc tgcattcgcc 240
cccagaacgc atcccgtagc atcattnngg ggaaacatcc aactacgact cttnttttag 300
tcccatttca aaaagaaata ctatcatcca ccaacaacgc tcgaaccctg agcgtccggt 360
ggcctcagcc tcaaaccogt cgatcatccc cttccatccg ttcgactgac gcttattttt 420
catcttcacc ccgtcaatac cgcacaagctg tcttccccaa ttctacttca gcgcaccgto 480
ttctacgaac cggngaacaa acctccgcgc cggggtagca tctatctcaa catgcccgag 540
cgaaacacaa gagaaggagc tgcctggagct cgaaggagga gatctagcag tatcctccaa 600
gtctaccatg agcctcttga gactctcgag caaatcagtg atcaggctgn cctgctaato 660
tcaagcccaa ctggacaaac gccaaaggng cctgganaat ccacattgtc ttgattctcg 720
ctggcaaaat tatcttcgac gccgatccct ggtgtcttac aggagacttc atggaccctt 780
aacaacatgt cctacatgtt tggcttctac attatgttnc atcatgtccg nggnggtcct 840
tttgatttca acagtgggcg tttcnacaac cttcaacatg tgggagcaga ttgataacgg 900
ggcccaatac acacaaacaa agaaqtctct nttnagtrg 939

<210> 747
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 747
 gtcgagtggt ggaccggtga tgacaagtct ccgacgtac gattgaagaa cgagcaggat 60
 gaggattcaa tgcatactat ctggaacgtc tatggccgaa tcaatggcat ggagcaaacg 120
 tccaagtcta ttatcatcgg taatcagcgt gactcttggg cttttggtgc gacagacccg 180
 cattcaggca ctgcgcgtcat gatcgagatg gccagaatct tcggggacct tgtgcagcga 240
 ggctggagac ccttgaggac tatcgagttc atgtcctggg acgcttccgc atacaaccta 300
 atcggttcaa cagagtatgt tgagcataac tctgacgcgt tgcgcgacaa cgcccttggc 360
 tatatcaatc ttgatgcagc cgttgtgggc aacgaattgc atgcctctgg ctgcgccgtg 420
 tttagaaaat ctcttctgca cgctatggcc gactcatcga tcccagtact aattctacct 480
 tnnaggactc tgggaccaga gtcatgcccga gcctnaaacg ctgaagaagg gtaccatatt 540
 ccgtccaaga tategctgga ctanttcctt gacctgcgtt caggggaagcc aagtccctatc 600
 atcaactcca cagatgattg ggggt 624

<210> 748
 <211> 430
 <212> DNA
 <213> Fusarium venenatum

<400> 748
 aacgccaggt ctctccaccg tcaacacacc cagagaccat caagacaatc ggcaaaaatg 60
 gccgacaacg actctcccggt caacctccga actcgcaagt tcatccgcaa cctctgctg 120
 ggccgtaagc agatggctgt tgacatcctc caccaccaacc gtgccaacat cttcaaggag 180
 gagctccgtg agaagctcgg ttctctctac aaggcccaga aggaccagat ctccgtcttc 240
 ggtctccgaa ccagattcgg tgggtggcaag accactggct tcgctctcgt ttatgactcc 300
 cccgaggcca tgaaagaagt ttggagcctt agttccgatt ggtgcgccgt tggcctcgcc 360
 accaaggccg agcgtgcttc cgacagcagc gcaagcagcg caagaaccga caaaagacct 420
 tccgaggtac 430

<210> 749
 <211> 525
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 749
 tgacgggtcat ctcaactctt ccgggacgct gccgctcatt ttcttgataa atctgcgato 60
 ttaccgcccc gctcgccatg gctgacgcgc ccaactctgg cgatgagctg taccctatcg 120
 ccgtactcat tgacgagcta aagcaagatg atgttttgcg ccgtctcaac gccatccacc 180
 gtctctcaac cattgctctt gctctcggcg ctgaacgaac tcgggaggag cttatccctt 240
 tccctgatga gtctgtggaa gatgaagacg aggtccttgt tgccttgagc gaggagctcg 300
 ggcgctttgt cgagtatgtt ggcggtctca gtggggcacc tccttctgtc tcccttgaga 360
 cctcgctgct atcgangagc ccgtcgctccg tgacaaggcc gcgagtnctt gaacaagatt 420
 tgcctcnaact ttcctcaca agtgaggagt ttttatctcc tcaaatccgc ctgcgcaagg 480
 cgatgggtta aatnnaggtt ttggatnggc ttttaaaact cctnt 525

<210> 750
 <211> 547
 <212> DNA
 <213> Fusarium venenatum

```

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 750
naaagtagcg tttcncaaaa tctctccncc aggtgcgatt cctcttttgn cagacttcgg      60
agcaaagcgc ggccctccga tcattcntta ctngatcgta tcttaccatg aagcgcaaca      120
accccaacat tcttatectc attcngaaag ccgncggcac tcaacccaag gtcttcgccc      180
gatacgagcg aggtgtngaa aagtcacaga tcttcgaggg tctttccgac aaggagattg      240
angacactgg tactagctgg ccaacctgct caatagacga ttattgcttg ttatttgcga      300
aaganacttg nacttgagag tggnggcctt gaantcnggt tccgcgatga tgaantttac      360
ataanggtca aaatcagcat gccacaaaag antattgcnt caccataaaa ccaatctntn      420
gtctcatggg tctatgactt ttgngnaccn actgncgtgn tatacagaag gngtttttca      480
naaacccgcg tgggtganta ggaganaata cttgccacca acanaactaa nttantttga      540
cttttagg
547

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<210> 751
<211> 440
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 751
tacgtgcaga agaagaacgc agcgccggga tggaaagcgc ctgttacgca tatggctgct      60
gctagecgag gcgagattgc tgcttggtgt gtgcgtgtgc cgaccgangt tgtaagcag      120
cgtgctcagg cgggacagca tgggtggttc tcggtgctgt cgctgcgagc tattctgtcg      180
aggtactcga gccatggggt cgttcccatg tggcgcgagc tctaccgtgg ttggggaatt      240
acagctcttc gtgaggtgcc ctccactgtg atccaattcc cgctatggga ggctatgaaa      300
tcttggggac gtgcgcgtcg tgggtggtgc gaagtcactg gtgctganan cgctctttat      360
ggaagtatgg ctggtggatt ctctgcggcg ctactacgc cgcttgacgt gctcaagaca      420
agaatcatgt tgtccaaaga
440

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<210> 752
<211> 577
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 752
ctatctcggc cttggcacca agactctgct cctgtgggta gagtcggttc agaagggcgc      60
caacccccaa ctcggcatca tgtcgggttg gtttagatcc gttcagatgt cccaagcctc      120
ggtcatgggt gtttcagatg aatggatcaa aaaggtcacc caggccaaca gatccacca      180
tcagctcttc atgggttagc agcgaacatt cgagcgcgtc aaccagccgg tatccctact      240
tgaaggagat atcattctca ctctaaatgg caagatctgc actaccatct cggatttcga      300
tttgatgtac tcacatgaat tgctcgatgt cgttatcgtc cgcgaaatgc aagagatgca      360
ctttcaaatc cctactgttt ctgengacga tatggagacg gatcargcng tttcgtttctg      420
tggcgctatc ctccacagac ccacaaagct gttcgacaac agatcagcaa gctacacagt      480
gaagtgtttg tgtctagten aattaaaagg tctcctgcct accantatgg agttgcacca      540
accaacttca tcaactcatg naacggtaet cccaccc
577

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<210> 753

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<211> 505
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 753
 caaggttgcc aacttgga aa tctattaccg tgctatcaag ttctacgttg agcagcaccc 60
 ttctctttctc accgatctcc tgcgactct caactcctcgt attgatgtca accgcgttgt 120
 caagatcttt cagaagaacg acgatcttcc cctgatcaag cctttcttgc tgaacgtgca 180
 atctcagaac aagcgtgttg tgaacgaggg cgcaacgatc ttttgatcga ggaggaggac 240
 tacaagaccc tctgtactct gtcagaacta cgacaactac gatgccacag agctggtagc 300
 cgttgga aaa catgatctca ttttttccgc caaatggctg ttccatttcc ggaanaanaa 360
 gcttngggaa agtnaatcnc ctntccaagc aanaanaagct ttanagggcc canttgaacc 420
 cgtgcccttt cccaaggggn aattngagag anccctttta aaaattntgn aatttggggc 480
 ccggaaagtt taccgggggt ttttt 505

<210> 754
 <211> 1140
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1140)
 <223> n = A,T,C or G

<400> 754
 aattccgggg ctctttggna tccgncgcgc aactgtanat gaacccgatc gaaggtgcca 60
 atttttttgtg ngnaccaaag tctctcattc cagtccaagg aggcaatacc cgcttgactg 120
 gggtcgtctt nactgaagta ggcgtgactg tagtcttgtc tggagtagca gtcgtgccac 180
 gagtttcagc ctgcttttca cctaaaagct ctctcacgag gtcctcaaatt tcttcgcaag 240
 agccgtagca gtcggttctt tattegatcc ggggtggtgt cttgttgga aagggactag 300
 cgtttcgtga tgccttccgc tctccttctc taaggagatt ttcgattatt cgcattcatt 360
 ccttacgccc gcggtagcta tcaaacatct tcccacccat gttcatcgat nccttctcnc 420
 gggcattggc gcacanaagg cgcttnacaa ggagatgtcg catcaaaagg cacacaaagc 480
 ccgcgaatcg ctctccattt tcttgctggg ggcattcgtc caagttgata aatcggaggg 540
 gtcggccgag tatgttgga agcttgctg aagcgacatt ggctcagag tagttggcgc 600
 cgtcaagcga gtcgtaatga aaggctaccc catcaagagt cgagacgaga agcagcgacc 660
 aatggctacc ggcctcancg acgctcactat taagattatc gttgatgggt agnaagatat 720
 gogtaacctt gnagaaatcg gnaanaagcg attggattga tcgagtgtcc ggttccttca 780
 tgagaanaaa tgtcatgctg gggcggagca gaacgatgcg agcttggggg tacttgggaa 840
 gagtttcgcg ctccaaatac tcttcccaga aagcgatatt gttgtcggtt aaccagtcatt 900
 gcttgagagc cttaatatct tccggtgtca acaaaacgtc gtagtaactg agatatggct 960
 tctcaggggc gagcgaatcg ccaaagtggc gcgccatcct ctgacgaaac ggcattcctgt 1020
 ttttgggtatt tgtagaggat gttgatgaag ttgatgaggt agaagaacga ggtgttattt 1080
 ctgagataa ngtnaatct ggcgggctcg nctgttagtc agagtnngcg gttgagtcct 1140

<210> 755
 <211> 1156
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1156)
 <223> n = A,T,C or G

<400> 755

ctccaggaca	acaagctcac	tgttggttgc	gagaanattg	gtctcaccaa	gggcgacacc	60
atgctcgcga	ttggctgtgg	ttgggggtact	cttgcceget	tcgctagcga	gcagtatggt	120
gccaacgtca	ctgggtgtcac	tctcggecgt	aaccagaccg	cttggggcaa	cagcagcatg	180
cgcaagggtg	gtatccctga	ggagcagagc	cgaattgtct	gcaaggacta	ccgagatatt	240
cccgttcccc	tgggtggcta	caagaagatc	accagtcttg	agatgtctga	gcacgttggt	300
atccgtcact	tctccagctt	ccttaagcag	gttcacgcga	tgcttgatga	cgatggtggt	360
ttcttctctc	agtacgctgg	tatccgcaag	gcttggcagt	acgaggattt	gacctggggc	420
ctcttcatga	acaagtacat	cttccctggt	gctgacgctt	ctactcctct	cggctggggt	480
gtcgacaagc	tcgaggggtac	cggtttccgag	atcaagcaca	ttgatactat	tggtgttcac	540
tactctgccca	ctctctggag	atggtaaccg	aactggatgg	acaacaggga	caaggctcgag	600
gccaaagtacg	gcaaacgctg	gttccgcctc	tgggagttct	tccttgccct	ctccaccatt	660
atctcccgcg	agggcagtg	tacttgcttc	caaatacttc	tcgtcaagaa	catcaactct	720
actcacgcga	ttgatgggtg	tgagaccag	ttcaaccttc	acggcgctct	tgacaactgc	780
cgtcctgacc	tccagtcctg	ggcgcgcaag	aaccaacgta	agactccctc	cgancttctg	840
taaagttttg	gttgagtgct	ttaacgcctc	tgggattttc	ctgaaccgtg	cccagaaaaa	900
gtatagcttt	aaaaggatgc	ctcctaata	agaggccaac	attgtgatta	gtcacacaat	960
ngacaaccaa	gggcgaaaat	gataacttga	ttcatctcog	gcattgttta	acccggaatg	1020
ccgccccctg	tccgatgaac	tcgntcgagg	ctgcctagac	cgaaacgggc	aaagtttcat	1080
agttttattga	tagatgcgta	acagcaagcc	ttgggggcna	agaaataaga	cattggaatt	1140
tttatataga	tgtctt					1156

<210> 756

<211> 606

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 756

tgcgcccaga	acctatctag	gctcgtctgc	agaacatgaa	cgaagtcctg	cgttgccagg	60
cggttgggtt	ggttggatgg	gtaccttttg	gaagattcct	gatgcctacg	cccttcagca	120
tcagagtctc	gacgcctact	tgttcacccg	attccttcgc	atctgctgca	ccatctgctt	180
cgtgagtcct	tgcatacat	ggcccgtcct	ctttcctgtc	aatgccactg	gcggcaacgg	240
aaagaccgag	ctggagcttc	tctcctacag	caacatcaac	attcagagct	caaaggagag	300
gaacaggctg	tacgcccact	gcttcacccg	ctggatcggt	tatggtttcg	tcattgtacac	360
catcatgcgc	gagtgtctnt	tctacgtcag	cgtgcgcaca	gcattcctcc	tcactcctca	420
gtacgccaag	cgcatactcg	ctcgcaaccg	ctnttccctc	agtgcccaag	gactatctcg	480
acgaggtctg	catccgtact	ntnttttaac	attctgtcaa	aaacgttttg	atnccctggly	540
aaaccaanga	ggnggaccan	attgtcnaaa	aacccccacg	nggtgccatg	aaactcnaaa	600
ngggaa						606

<210> 757

<211> 1913

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1913)

<223> n = A,T,C or G

<400> 757

acaatcaacc	actctcatct	ctcaaaacaac	tctcaccacc	accaacacca	ctcacctctt	60
caacttacac	acaaaaccca	caacggccaa	catgaagtgc	actggatatc	tctctgctct	120
cgtctcacc	tccgcgctct	cggccaccac	tgtctcttgc	gacactgggt	acgtgacaaa	180

gtctcgcccc	atgacctccg	tcgcttgcct	tgacggctcc	aacgggtctca	tcaccaagta	240
cggntggaag	acccagggca	acatccccac	tccttacgtt	ggtgggtgtca	acatcattgc	300
tggctggaac	tcccccaact	gtgggtggctg	ctaccgcctc	gagttcaagg	gccgcaagat	360
caacgtcctt	gccatcgacc	acgcgcgctc	cggtttcaac	attggccttg	atgccatgaa	420
cgccttcacc	ggtggccagg	ccactcagct	cggccgcac	aacgctcagg	tctaccacgc	480
cgacgcttcc	gcttgtggcc	tcaagaagta	aacggcgcaa	ctctacgact	ttttatgaga	540
tgcattacgg	acgggggttt	tggacagcgg	acattttatg	attcttctct	tccttagaac	600
tatgggttta	atacttggca	ttggatggcg	tttagactat	gattttacca	ccacataatc	660
taactagata	cttacactta	cagtatgaat	gaacatagag	cttaattgcc	ttgtatcaaa	720
atcataaaaa	ccaacaatgt	accaccagaa	aagacaaccc	aacacttaga	cgtccaaagg	780
ctttccaagg	aatgtatgcc	caacccaaaa	caagagaatt	gaatcaattg	tagatttccg	840
ccccgagcag	tgttgcaaga	agctgataag	cgttttcaca	cgcttatagc	atgccaaagc	900
cggcgaaacat	ggtgcttagg	acaatagtea	gaccccatgt	tcggccaacc	tcgatgacag	960
cagcgccatt	gctcttagtt	gactctgcgg	tgtcagaatc	gtcgtcgttg	ttttcacttc	1020
cgggtgtgtc	ggtgtlaaac	gtgttgccgt	cgtcagtagc	gctagctgtg	gccttaacag	1080
taccagtgcc	tataactatg	gaagtttgtt	tgtatttctt	gggtcttcca	gcacgcgcatg	1140
gggtgtttct	tgggcagtea	gagggcacaag	aggttttgcc	ggcacaatcc	gtgacacact	1200
ggttacccca	ttcttggcag	acgtaaaagg	gaaggggtgag	ggagtattcg	gacacgttag	1260
gttgctttcc	gtcaccgcag	atgcagccat	aagtgagggg	tttgggattg	cattcggttga	1320
ccttggtatc	tccttacta	gtttgaccac	agatcatggg	acatgtctct	atttcgttct	1380
ggcaccaaac	cttgcgtagg	gacagaggca	cgctctcagg	gtcgtatcacg	tagtcggcgt	1440
tgacaagagt	gacagccgaa	gccgcagtag	cgaggacgat	tgttccaaga	gaaggcatta	1500
taattggcgta	tcggtgcttg	aaaacaaaaa	ttgatttgtt	tttatgctgg	taggtatata	1560
caccggttta	tatcagatgt	tcaaaaagttg	gtaaaacggtg	aagattgaca	gaagatgggt	1620
tgcctaaagc	aaattggaac	ttcaacggaa	atgggagcga	cagtatgaat	agaatatcgg	1680
aatgaaaagt	tagcgactgt	tcaagaccag	gtctgatata	gcgagtgtat	caactgaggt	1740
gaggagagga	aagaagaagc	tgagaaaaaa	aaggtcgagg	aggtccgaga	catatcaacg	1800
atgcttgact	tacaaagcaa	attggaactt	caacggaaat	gggagcgaca	gtatgaatag	1860
aatatcgga	tgaaaagtta	gcgactgttc	aagaccaggt	ctgatatagc	gag	1913

<210> 758

<211> 599

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(599)

<223> n = A,T,C or G

<400> 758

caatcgggttt	ccatcgattc	ctatcctctc	agcacacttt	taaaactgct	ccatcgggttt	60
ctcttgttat	aatcttctag	aagcacctct	ttcgcaacac	gacaatgtct	cgcggcgga	120
ccacccttta	cgtgaccggc	ttcagccacg	gtacccgggc	tcccgacctc	gcctacgagt	180
tcgaaacgcta	tggccgactg	gttcgctgtg	acattcctgc	acccaggtct	acgtccagcc	240
gtctcttcgc	ctttgttgag	tatgaggacc	gacgtgatgc	tgatgatgct	tatcatgaga	300
tgcacaacaa	acgtattggg	cgtgatgaca	ttctaagat	cgagtgggct	cgcactctc	360
ctcttgcatc	ttggcgcttc	gagtcaggcc	gcgatcgtga	tggcggtggg	ggggcccgcg	420
ctcttagacg	tggacgttct	ccttctctct	gtcgcagcac	tctgtaatna	tctctctcgc	480
aagggaacac	cgcacgggac	cgggacngaa	gactatgata	gcgaagagcc	gaggtgacag	540
ggatcgcctc	cgcagttctg	ccacccgggga	ccgtgagcgg	gactcttaag	gatgatcgc	599

<210> 759

<211> 624

<212> DNA

<213> *Fusarium venenatum*

<400> 759

agctcttact	ttctccgaaa	tggagaagca	gaacgagtat	cttagccaga	acgcagagac	60
caagggagca	ggaagaaggc	ctatcgacag	cttatttagag	attgtcaagg	aggatctaga	120

taactacgga	gagtgcacga	ttcccgttga	cgaggccaac	accatcaata	tgaagctctt	180
cccccatcat	attgaccctc	ccagggttcg	aggctggcat	gtccccgtac	ccaaagccaa	240
atttgccgac	attatggacc	ctacgtggga	tctcaccctg	caaaagggtca	tttcccatat	300
cgatggtgtc	tctgacgttc	gacgcacgc	tcacgcagct	tccgtctcac	tgcagctagc	360
caagactgca	ctccggcacc	ttctttacta	tgatactatc	cttcttctcg	acatgttctt	420
tttcaagtgc	atgttacgca	cctcgtcccg	gcacccatga	ctttattcga	aacattgacg	480
gaatggttga	cgaagtgtgc	ttcgtatgtg	tctcacggcc	gtggacttgt	gagcaactat	540
catcttatca	aactcatgtc	gacgtttact	cctggcaagt	ccgtcatgga	gtggctaaag	600
ggccatcaaa	aactcaggct	tcca				624

<210> 760

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 760

cattgatatc	cgatcatccc	ttcatactat	ctgctttcac	ctcgetttac	tttattccca	60
tggtcggtag	aattcgacag	cccgctcgacg	aggcggcgct	tcagaagttc	atttctgaaa	120
atgtacctga	catcaaaaaca	ccaattgacc	tcaaacaatt	tggctttggt	cagtccaacc	180
caacatatca	aatcacccgt	tccgatggcc	agcgcttcgt	gatgcgaaag	aagccacctg	240
gaaagctcct	ctccaagaca	gcccacaaaag	ttgagcgcca	gtaccgcacc	atgcatgctc	300
ttgaaaacac	tgatggttgc	gtccccaaga	cgtactgctt	atgcgaggat	gactctgtaa	360
tcgggaacacc	gttttacata	atggagtttc	tcgatggctg	tatttttgag	gacttcacga	420
tgccctggtgt	agagccagcc	gaacgtgagg	ccatgtggcg	cgatgctgtg	ttaacctggg	480
ctcgattcca	tgcagttgat	tacaaaaaag	ttgggctgga	aaanttggtg	aaccatcngg	540
tttctatcat	cgacagatca	atacttgggt	gacaaattgc	ggaagccag		589

<210> 761

<211> 570

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 761

ncaatccgct	cgacagaagcc	atcatcatcc	cttcaaagcc	caaatntctc	accgtcacct	60
acgccaaacct	cgaatccgac	gtctcanctt	tccagcgcaa	gctcgctgat	ctgggcatna	120
caaaagctgc	ccccgtctcc	atcgcgctcg	tcaattccta	cgagttccac	gnetcttttc	180
tcgcgcgttc	ctggcagcgt	ggaattgccc	cnctntcaa	cccggcttac	aagcaggatg	240
agtttgagtt	ttatatcgac	gacgtcaaga	gcgccatcgt	cctcgttccc	anaggcgctt	300
ggggggccgg	tgcacctagc	gtaaaaggccg	ccaaqaaqtt	caaccccccc	tgcctgagtt	360
gtatattggga	tgaagccccag	ggggagggtc	ccctcnatga	caaaaggacaa	tggtctnttg	420
aangycaana	angaaaaang	tnttactggg	tgacctgaen	atgtcctttt	attctacaca	480
ctagnggcac	tacattncgc	cccangggg	ttcccttact	tattggaacc	tggncccgaa	540
ctatgaacaa	catttagaac	ccttccgact				570

<210> 762

<211> 571

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

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<400> 762
caatttttcag tatataccaa gctccagctc agcctcggcc tcgtacacgc gacaaattcg      60
atatcaacgc agccgcaatc atgacttcca caatcgggtat tcccatcaag ctcttgaacg      120
aagcacaggg ccacattggt accctcgaaa tcacctctgg tcagacctac cgcgggcaagc      180
tcttcgatgc tgaggacaac atgaacgtcc aactcaagga catcacctgc accgcccgcg      240
acggggcgcgt ctcccatctc gaccaggtct acatccgcgg ctcccacgtg cgtttcttca      300
tcgttcccga catgctccgc aacgcgcccc tgttcncag ccgcaacgtc cgtggccgtg      360
gtgtcgggtc cgctagaagt cgcgcaaccg tcagccgaac gcgcgcaggc ggtcgaagaa      420
gangataaac ctagaaaaag gaagaagaga gacaataatn gagagacaaa tgcntgtttt      480
ggcgttcang cttatttgga tttttcatga acttcaaacg aagggtctat catcttctt      540
tttttggtna aagtgaatca taaggaaaag g
```

<210> 763
 <211> 605
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

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<400> 763
ctcgtctctca tctgcctcac ttttttctc acatacccaa cttttctaac ctttaccat      60
attattatac actaattgcc catcatgggt cgcaagttct tcgtcggcgg caacttcaag      120
atgaacgggt ccaagtcgtc catcaaggag attgtcgaca acctcaacaa cgttgacctt      180
gacaagaacg ccgagggtcgt tgtctctct cctgccctct acctccccct cgtccgcgag      240
actctccgca aggatgtcga ggttgccgct cagaacgtct acgacaagcc caacgggtgt      300
ttcactgggt agantctccg tcttcccact caaggacagc gagattcacc tgggccattc      360
tcgggtcactc ctgacgcgca accatcattg ggaattctga caagttttct cctcccaaaa      420
caantnccta ccgaaaaaag gctccaagtc atctgggtggc tgcgngaate ccccgaaacc      480
cgogaagggt ggcaaaacat gatttctct cgcgcaattn aattcccca ttcccaattt      540
cenaacgggt cacatgtcnc cctanaaccc tttnggcatt gncatggcag ggtgcncccc      600
ctaac
```

<210> 764
 <211> 377
 <212> DNA
 <213> Fusarium venenatum

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<400> 764
gaaagcttca acactctgct tttcttcgcg gcaaacgagg tcattaacga cgagaagaca      60
gctgaagatg ctctcagta catccgtgct ctgaccgcgg acctcaagaa ctacgtcaag      120
aacaacttga agcgggaagat tcttattggg tattctgccg ccgatgtcgg tgatgttctg      180
tgggacacct ggaactatct gcagtgtccc qatcctqatg atgaagatga catgagccga      240
gctgatcttt tgcctctcaa ctcgtaacta tgggtgtggt ctgaaccact tatgaaactt      300
cttcatacga cgacctcgtc gccggttttg aatcatcgtc tgtccctate ttcttcagtg      360
aatatggttg catcgag
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<210> 765
 <211> 661
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 765

tccaattcca	cgcccgggcc	ctatcctggt	cctatccctt	catctagctt	tacctcactc	60
cctactatca	ctactagtag	tcgacgaagt	tggaacttgt	catagattga	aacgagcctc	120
tctcctcata	ctttactttc	tacatcgttc	taaccccgct	tcgtctcctg	tcaacaggtc	180
tgataattca	actctgacac	catggccgcg	ccctctggtc	accgctctcg	cggttctgat	240
gatctgggcg	tctttgatga	cgccaaaagc	tactatactg	cagagcgtca	ttagaaccgt	300
gctggccctc	gcacccgaac	ttactcccag	gttgggtgta	ccgacatcgt	cgtgttggtta	360
cctgaattga	tattggaaac	agaacaagtt	tgatgtcacg	ctttgagcga	gtcaatcttt	420
gagagccctt	cagacgtggg	agttatgacg	agaactcaca	acagaaccgc	cgttttttga	480
tccaagttga	ttcgacattg	gaaagtcttt	cactccaaga	agatcccaat	gggaacatgc	540
cgattacaat	tgaggacaat	gggcccaagg	gttttttttt	gcgtaccggc	gtttagttgg	600
cacaaccggt	tcgatgtgcg	aggaacttat	atgctgncca	acctcttgca	ggagttgacc	660
						661

<210> 766

<211> 659

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 766

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attagcccca	gaagtcaatc	gagctctggt	cgtaaaagaac	ttgagttaca	acgtcactcc	120
agaagagttg	ttcgatctct	ttggaaaatt	cggcccccatt	cgccaagttc	gacagggtat	180
cgccaacaac	accaagggaa	ctgcattcgt	tgtctatgaa	gacgtagccg	acgcgaagca	240
ggcctgcgac	aagctcaacg	gcttcaactt	ccaaaaccga	tacctngttg	ttctatacca	300
ccagcccgac	aagatggcca	agtcaaaaga	ggacctcgaa	gctcgccgcg	aatcttttagc	360
tcagctcaag	accagcatg	gtatcgattg	acaatccgac	cggctctgtg	atagcctgct	420
aggaagtoga	cttctctgtc	tgcaggccgg	tcttcgtctt	cttctaaatc	tccgtcacc	480
gatccgaaga	cgatccttcg	aaaaggcaga	gccccgatca	aganggtagc	caccaaagag	540
ccccgcattc	cccccgagtc	gtccgttttg	acgacggact	tcgacctgca	cttgccctgtg	600
catgatgtat	caaccctttt	tatcacacca	ctttttttgga	nggggctttt	aaaacaagg	659

<210> 767

<211> 726

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 767

ggacgaggtt	tcaacaaaaac	ggctatccct	attctttgtg	gtaccaagta	cgaccacttt	60
gtcaactttc	cccccaaga	ccaagaagag	atctcaaatc	aggcgagacg	atttgccaaa	120
ggcatgaggg	ctgcattaat	cttttcaagt	ncaagtcata	gcataaatgg	tgcaaaagat	180
cttcaaanatn	ggtctatcaa	aggcatctga	cctaaaagtg	tncbatttcc	gaaatcgaaa	240
atgttgggga	ggctttttctg	gtatatcagt	ctgataatgg	aaccaccggc	ngttaccaag	300
ccttaacatg	ttgaacctgg	acaccatgga	acgacgaatt	ctaactttaca	tatggcgatt	360
tcagcatcgt	acaacagctc	cagcaaaaaa	tggttgctac	cccccttttc	aagcactttc	420
ttttgggtcat	tacataacat	acaaactgga	tcgtctcctg	tttctttttc	actcacacac	480
aaaacaaaact	tgacacttta	ttacggattt	cacgggaaag	aggtcaggat	cacctctygg	540

aaatagataa	acatgggggt	tattggcgca	ggaccgcatg	tgattgacgt	ggacacttgg	600
agagggtatt	tgagacaaag	atacaaatcg	acttggtaat	cgtgtgaaaa	aaaaatttgt	660
gtgggggaga	tgtatgcttc	ctagacgtag	atgacggttg	taagatttct	ctcatttcga	720
gttacc						726

<210> 768
 <211> 439
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 768	
cgaacaatta	actatctaaa
gcgaataata	caatcgatla
accanacacc	tttttatacc
cgcaaatca	aatcgcaacc
atggctactg	gagcgcantc
nttctacgag	ctgtaccgac
gaagcagcat	tggctcttgc
ttgacagaca	cactcgatga
tcttatcagc	gaagagcgca
tcaaccccc	actggccatg
aagattctgg	gcaacttcga
tcaggccatc	accgaggcgc
tccaaaagaa	tgtcaaggcc
cgtctccant	tcaagggaag
cctngatata	taccgatttt
gcgatgaggt	ttgggacctt
cttgatcaaa	aatgtgacgt
tcaagatgga	cagcgggaagc
caatcnatca	cagcgaacaa
gncaagattg	cagctgcatg
ctaanaacct	gngaaagga
caatanacac	tnagatgc

<210> 769
 <211> 600
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 769	
ctttgtctga	tacttaacac
aaggccatct	gacttgaagt
tgatcgacat	caanatacct
tattagcttc	gcttgntaat
gatcgacacc	ccggacaacc
tttaacacac	actccaacgt
tggeccatct	cggatttctt
cacacaactt	caattcacca
cttcaacaat	ggatgaggat
caaggaccac	aatccattgc
gcctgaacat	gcaccgtcca
agacaattgc	tcagcgttgc
aatggtcttg	ttaaagcggt
cacaactaga	cacggctctga
tcggcgatta	cgactatggc
ttctcttttc	gccaacactg
ctttcatgaa	gaagagcggt
aaccaagcc	ctttcttttg
actcaacgac	aagatgccag
ttcttcttgg	tttactcttg
gggtccaaca	ttgcatttgc
catgttagca	ggtgtnatta
cgccacccat	tatcatcaag
tggcagcgcc	aatctattgc
ctgaacaaca	acaatacctt
gnctcgactg	cccttatggc
tnangcatct	tttccgctgt
ncagatactc	gtttaaactt
tttgcccaca	atattatntt
ggactggaga	ctgcagncgt

<210> 770
 <211> 610
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 770	
caagaatttc	ctccgatccc
gactctttct	ctccctctcc
ttctcacgaa	cagaagctgc
atcactctcc	gtccttgacc
tcttacctcc	gctctcgatc
tcttttccgt	gatctcacgt

cacgtatctg	aataattctt	ctttcaattg	ccaatccggc	cgaaggacct	taatatcttc	180
cacaatgctc	agcgccgctc	tccgaaggcg	tgttctcacc	cctacacaca	gcgctctgtg	240
aaccggcttc	gctgcccacg	ttgtgcgaca	ctatgcctct	ttccctgagc	accaagggtca	300
ttcaagatgc	ctgctctgtc	ttccactaat	gcaggctggc	aacanttggc	ggtctggcag	360
aagaagatcg	gtgactccat	cgcccccggt	gacgttcttg	ttgagatcga	naccgataaa	420
ggctcagatg	gacttcgaat	tccaggaaga	aggtgttatt	gccaaagatcc	tgaaggatgc	480
tggcganaaa	gatattcctg	ttggcagccc	cattgccgtt	ctcgttgaag	aaggtaccga	540
tgtcccgctt	tcgaaaattc	tccgttgaag	accccggtgg	gatgccgctn	ancccgctgc	600
ctccaaggaa						610

<210> 771
 <211> 322
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 771						
ntcgaatcttg	nccgcaactg	tggtgctttc	tntgccgagg	aggcggagga	ctaccttaag	60
atgggtgttc	tcaacgggtc	cttctccttg	gccgaacatt	ggtcttattg	cccatttcct	120
cgaccanaaa	cgtctgcnaa	ctggctctct	cgtcatccc	tgggacgaca	ttacttacct	180
tctccccaac	ctccggggagg	ctgggtgccc	tggtgctgag	ggcgtgttg	aggtttctct	240
gtgaagaaatg	gggaatggta	atgcaatcgg	aaagggaana	nataaggcgt	cnagcatttg	300
atgatnttgt	gcccgcctgg	ac				322

<210> 772
 <211> 625
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(625)
 <223> n = A,T,C or G

<400> 772						
ctgacccaaa	cacaattgtg	caggtgggtg	tggagatcac	accaaccatc	accactgct	60
cattggctac	tgtcattggg	cttggagttc	gagttagact	tgaacaagca	ctgccgccca	120
actaccgcgt	cgatgtgacc	tgcaaggaga	acagtcacaa	ccaagacgat	caagtcaaca	180
agcagtttagg	cqacaaggag	cgagttgctg	cgcgtctgga	aaatgatacc	ctgaaggggag	240
ttctggacaa	gatgctggag	acatgcgctt	agtcatggcc	taccatcatc	gaccctcact	300
ctttttagaag	cttccaaaagt	cgcattggata	atgcttgcgt	atcttcgttg	cccactatcg	360
actggtgtca	ttgctacttt	gatagccaaa	acgcgacatc	gttttcgtac	cgaagcttga	420
tggcaaacgc	gaaaatacca	cccttccatc	gatgtcttga	atctcggcat	tcaagacggg	480
gtattcatta	agtcttggat	agactgaacc	ggtgaactgg	taataaacat	acaactgggg	540
aaaataccga	ctcgtgattg	gagaagaaga	ataaggacat	caatcaaggg	ccctcattca	600
tctaaataag	ggtcaaggtc	caacn				625

<210> 773
 <211> 648
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

```

<400> 773
gaaactccaa gccagtagct gtattccgta agaagccatg tccctgccgt caactatgaa      60
aggccgtcat ttttgacggc ctgtacaaga tctcggtcca ggatcgatct gtgccccaga      120
tccgtgatgg cagagatata attgtcaaag ttcattgccg gggattgtgc ggatccgagc      180
ttcacatcta ccgtggccac caaccgtcgg gcaccgggtt cgtcatgggc catgagttaa      240
ctggaacagt tgttcaagtt ggttcggatg tcaaaacccat cgacatcggg gacaaggtcg      300
tcgccccatt cacagcttct tgcggcaatt gctttctctg taacaacggg tgttcccccc      360
cttgtgttaa aaaccagcc gtttgccggg gaaactotta acggagaaca ggctgaatac      420
gtccgaattc ctatggctga tgggaactgt gtcaaggctc ccgagactat atcggacgaa      480
actntnttac tcatggcgga catcttcccc actgnatttc tacggtgtca agaagtgcta      540
tggagcttgt gccttcccaa aacatccaa gactacgat ggtcatcggg gggctgggnc      600
ctgntgggct ctgcccant tggcagncac tnatttnaag ccttggtt      648

```

<210> 774

<211> 187

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(487)

<223> n = A,T,C or G

```

<400> 774
tcganaagta cctgcgcatt gctcgcaaga cccaccggga ggctgccatt gacacagctc      60
tcgccttctg ttaagctcgt ctcgagcagc tatccgaact tgaggacttt cttcnggccca      120
ccaatgttgc caacattgag gagtctggtg acaaggctta cgaggaaggc ttgtacgagg      180
cctccaagat nttctacacc agcatctcca actgggctaa gctggccacc actntcgtec      240
atctngngga ctaaccaagcc gcgttgagtg cgtcgcaag gccacaaca tcaagggtgtg      300
gaagcaggtc cagcaggctt gtgtgganaa naaggagtcc gcttgctcaa atttgcggct      360
taatctgatg gcgatgctga ncaactccaa atttgggcaa ngagtatgan cncaccggtn      420
ctttgatgac tnatcacctt tttgagcagg tttggcctcg ancgctctna tgggaatggt      480
actgact

```

<210> 775

<211> 564

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

```

<400> 775
caaacactcg catcacagac tcagaaatat tcgaaagacg ataccctgtt ctctctctcg      60
aattttctat ccgctcttga tcaggaggac aaggtcagca ccgcggcggt gatgggtgtca      120
tcggcgacat cgagtttgcg attcctcttc aagtatccat cctcagcqaq catcacatct      180
atcgtcctta tggcttgaac gggggagggt atggagaalg tgggtctcaac ctttgggtcc      240
gaaagggttg aaaggcaaac tgggaggtat cctgaagca gtttcacacc agggatgacg      300
cggcngaggt agagtatgag gagagacatg tcaacatggg agccaagaac acggctgcga      360
tgaagggtgg agatcgcatc atcatctgca cacttgagg aggtgcgtgg ggagcncgag      420
ggaacncgag agtgtancca aaaagaaggt cgatcatact gaagcgtgga ggaagggaaa      480
gtggtagtgc cagggatgaa actgcccata gcttagacna ggtgatggga ttatttacaa      540
gaactagtgga tgaagttatc taag

```

<210> 776

<211> 675

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 776

ctttgactta	tcaccactga	ttcgaagccg	acggcgacaa	acagctaatt	aaccaagcct	60
aactactgtt	tcgatcgagt	ccccgatcc	cccgcaatcg	aatttcgccc	atcatgtccg	120
acgtccaaga	acgcctcaag	aagctcgcc	tcggtgcccg	aactggtgga	aagggtaccc	180
cccgaacaaa	gggtcaagcgc	gcacctgccc	gctccgggtgc	cgacnacaaag	aagcttcagc	240
tcgcccttaa	gaagctgaac	acccagcccc	tccaggccat	cgaggaggtc	aacatgttca	300
agcaggacgg	aaacgtcctc	cactttgctg	cccccaaggt	ccacgccgnt	gtcccccca	360
acaccttcgc	catctacggg	aacgggtgagg	acaaggagct	cactgagctt	gtccccggca	420
tccttaacca	agctcggccc	cgactccctt	gcttntctcc	gtaagctcgc	tgagagctac	480
canaacctcc	agaaggagaa	gggtgaggac	nacgaacnaga	tccccgacct	tgctgagggt	540
ganaacttcg	agggagaacc	caaggctcgag	tnaatttctt	tcaaaaaaac	tcgagggcga	600
tggggcantg	aaatcgtagg	catgtccggn	caaaaagggt	ggctagtctt	tcctgcgang	660
cgggttttat	gtttt					675

<210> 777

<211> 1565

<212> DNA

<213> Fusarium venenatum

<400> 777

ctgcctgaga	aatacaaaatt	gtccccatcc	gcccatacctg	aggetttctt	ttttccctct	60
cttccctttcc	tcaccccaaa	cttttataca	aacacaatta	catcaagatt	tacagcccaa	120
ggcaatcaag	atgtttctaaa	caacccccct	tccccgttgt	tccccccaag	cctcagtcac	180
aattacgtct	caggacccta	acaagttaat	ccccactctt	caaccaaccc	gttcagctca	240
cctcagggtc	gacctgaact	tcagcactgc	tttgaatagc	ttcggctcca	gttccctcac	300
aaaccgcaac	atttcaggcc	aagacttccc	agtcttcacc	acggatcccc	aatcaccatg	360
gcttctctcc	accagtccca	gcctgccggc	acaatccgcg	caacagttac	agagtcccga	420
atcacgcggt	caggactttg	tcttgttcga	tcagccccct	aatcgctcta	caacaacatc	480
gctgccaaac	cagcgctcgt	actcgtctca	tctgcaaaac	cgccaacagc	ctgtctcccc	540
tgctgttcag	aatcaacgag	tagcccagtt	gctccaggct	tttggtcgtc	cttcgtctac	600
tgtaaacaaac	aaaccgcccc	cgaaccagtt	ttacgcttct	tcggccccct	cgctcatctac	660
tgcattgaac	cagcagaacc	gtgctgctcg	acccccagta	cctttttttt	ccagagtaca	720
ggtagcgtcc	cgcaacaaac	cgccaggatg	atgaacgctg	cagacgtcga	actcgaagag	780
ttcaactgct	tcgagggcgg	ggcccacacg	gccttttctt	cacctgctgt	tgcttctgtc	840
tttgacttta	gcagcagtg	gtctagctct	attgccaact	tggcgaccat	ctcgctcag	900
gatcttcttg	ttcaagaacc	ttccatgtct	gttcccaact	cgtcggccct	caaggctttg	960
acctctccat	ccatctacaa	tgagtctccg	gactttgacc	agtatgatgt	gtctcccaac	1020
tttggaatg	cggatttcga	cacacctgct	ggagattggt	tcctctgttc	cctacggaac	1080
cctcagctgt	tccccagctg	agtgttgaga	cctctcctga	gatgaagtct	gatgagttgg	1140
actctgatgc	tcagtctcct	cccatgcccc	gtcgcaagtc	gggtacatcg	ccttccactc	1200
gcccactctt	tgtggctggg	gttaatgccc	gcaagcgaga	caagcctctg	cctcccatca	1260
tcatcgatga	ccctagtgac	atcattgcta	tgaagcgtgc	tcctaact	cttgcgcgac	1320
gaaagtctcg	ggagggcga	gcaatgaaga	tggagggaact	ggaagacaag	attgcacaagt	1380
tggaagaaga	acgtjatcac	tggaagaaga	tcgctcttgc	gcaatcaggt	gcgcaataat	1440
ggattaaaaag	tggaattact	ttctttcgcc	aatatcgga	tatcggttgg	ttcgtttatt	1500
gagttttaat	caagtttcat	tgatccctat	cagtcaaaac	agtcaatcaa	attgttttatg	1560
aaata						1565

<210> 778

<211> 585

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G

<400> 778
ttttgcgcca gtttgaagta acactctcaa cagccgagga atcatctttg ctaccagtaa      60
ctcaacctcg caactatata caaacttcaa aatgggcaag aagcgtgcgc gtgaagangg      120
caaggacgtc ccgcctgcgg acgttaacat gatggatgag gacagttcag atgacgagga      180
tttcgatatg gtcaacgtcg acttcagagt gttcaacttc gatcctgagg ttgatttcca      240
tggaaccaag acgcttttgc gacaactatt cgatgttgat gcgaatcttt tcaatatgtc      300
tgccctcgcc gatctcggtt tttcacaacc caccattggt tcaacctatca aggttgatgg      360
caagggcaac gangcctacg ccctttctcac cgctcttaat acagctgttc atcnagataa      420
ggagccaatg aaggataten tccaatacct tgtggagaaan gcgcaaacca attcgtccct      480
aqcgcattg cagatgtcct cagcagcnac aacatgtcgg accatgttct ccgaacgtct      540
catcaatctg ccttcggaac tagcaacgac acatattctg atgccc      585

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<210> 779
<211> 475
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 779
gacaaacctc aagaagcagg gtatgctgcc cctgaccttc tctgacctg ccgactacga      60
caagatccga cctgatgaca aggtcgacat cctctgcact cagctcgagg ttggcaagcc      120
cctcccccct gttgtccacc ctgcgcagcg cagcaagtc ttcgagggtg cctgtccca      180
caccttcaac gagggccaga tcgagtgggt caagaatggc tctgctctta acaccatggc      240
caagactagc aactaaagaa agaacgaach aagacganca atttgatttt tattgggtca      300
caaacggcgt acatcctgat gctctcatgt tgggttttga gantaacagt anaagggtt      360
atcaatggaa tttaaatgtc ttttacattg actgcccatt ttttattaca tnattgtnc      420
aggaggtacc atgcttcatt aattgtacaa aatcaaaatg tttaatcact tcnat      475

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<210> 780
<211> 485
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 780
agttngggta tcttnggtct agagactata cttcaaaaatg aaqcaaaqat tctcttctgnt      60
ggatgtgaaa atcattggac atgaggtcca ggagcgcttg gtgactcttc gactctccaa      120
tgtatacgac ctttctccca aaattcttct cctcaagttt gcgaaaacccg acaataagaa      180
ggagcttgtt attgacaact gattccgttg tcatctgaca aagttcgnac gcacaaccgg      240
tgnggcctct nnatattcgt tgcgcgcctc gggaagtctc tcaagaccan acggttgacg      300
gnagttagge aagtaggcac cgatagagtc ctccaatttg agttcagcga tggcaatata      360
gcattcttct agagtttctt gntgggggga acatcatctt cacagatgcn gattttaaaca      420
tcttggcctn ggganaaccc ttttcgaagn gaaaggngang aaccccaacg agttggactg      480
caata      485

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<210> 781
<211> 470

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<212> DNA

<213> *Fusarium venenatum*

<400> 781

gttgtgtgct	gctggttgca	tcatttttat	cgttgcatct	gtactgttag	gctcagtact	60
cacggcgctt	gtggtatctg	taacagttgt	gatgagtgtt	gtggacatta	tgggcagcat	120
ggctttgttc	aatgtttcct	tgaatgccgt	ttcccttgtc	aacctcatca	tctgcgtggg	180
tatctcggtt	gagttctgtg	ctcacattgc	acgagctttc	atgtatccat	cgcgaccgt	240
gatggagggc	aatagcaacg	ccttccgtgg	tcgtgatgct	cgagcttggg	cgctcttgt	300
taatgtcggt	ggattcgtgt	tctctggtat	cacagtcact	aaacttttgg	gtgtttctgt	360
gctcgctttt	acacgattca	agattttgag	atctactact	tccgagtttg	gctgtctctt	420
gtcgtattgc	cgcccttcat	gcccgaatctc	ctgcccgttg	ctccgagtat		470

<210> 782

<211> 600

<212> DNA

<213> *Fusarium venenatum*

<400> 782

acggcttcgc	gagaaagatc	agaagacccg	gcccggcctc	acccatttct	ccgcatacat	60
catctacatc	ttctcttaat	atatccagct	ccaagtggcc	cagtatggcc	gctgctgctt	120
ctgagagctt	catccacctg	gcgaggcctt	tggcgcccaa	taccgtcggc	ctccagacta	180
accttgcccc	gctcaactgtc	aacatccagc	ctcaggctgt	cctttccatc	ctcgaccacg	240
ccgtccgacg	agacatccga	gatacccaat	ccacccgagt	catcggcgct	cttggttgga	300
cccgatctga	agatggcacc	gaagtccagg	tcgcctcatg	ccttgccatc	ccccacaccg	360
aggaggagga	ccaggtcgag	gtcgatgttg	agtaccagaa	gaacatgctt	gctttgactc	420
tcaaggccaa	ccgcgggcag	tcctcctcgg	ctggtacacc	acctctcacg	agcttaacag	480
cttcagcgcc	ctcatccaga	acttcttcgg	cagccctgac	accggcactt	tccccacccc	540
gccattcaca	tgaccatctc	taccgaagcc	tggggcgaaga	tattcagtct	cgatgctaca	600

<210> 783

<211> 516

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(516)

<223> n = A,T,C or G

<400> 783

acttaacgaga	ccgctcaaaa	ccagttcatc	actgtagatg	gcatcaaatt	cgcctacaga	60
cgcttcgggc	aaaccaatgg	tgtgcccctc	acattactta	tgcactttag	yggaacaatg	120
gacattggg	atccagccct	cataaatccc	ctcgctgcta	agcgacccat	catcatgac	180
gataatgctg	gcgtaggtcg	ttcagaagga	caagttccca	aacagtactt	cttatgggcg	240
cagtactaca	taaattgttct	gcgagcactc	ggcgttgaca	agactgatgt	aatgggttnc	300
tcaatgggcg	gatgcgctgc	gcaacttgtc	gctnacggc	anggncttgt	acgtcgctga	360
tttttgcgga	accatgcccc	gcagnggcga	aggctccgnac	cagcaccgcg	ttncaccttt	420
aaccttttta	ttggggccaa	gacagaggng	gacnnaaaan	tgccttcatg	ataanatqtt	480
ggatcatcac	atagcaanagc	ccaggcaagt	tenttg			516

<210> 784

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

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<400> 784
agaatcaacc cctctgcgag atattcaacc acttcttctt cgtcttcacg gcattcactt      60
tcatcactta agccctgtga tatctaaagt catctcattg aaacatacac tgacaccctt      120
ctctgaaagt cactgggaac attgagctcc caacttactc aattgattca cctacttcat      180
cccagctgcg aactcgctcc tcggttcggc acctcgtcga ctagctgcag cttcacgctt      240
atcgtcacgc cgttgggact tcacttgaaa ccatggccaa actcgattct acttccaggc      300
tcaccacctt gaagggttg atgaangaac gtaacgtcca agtttacatt attccttctg      360
aagacagcca ctcatctgaa tacatcgag aatgcgatgc cagganagct tacatctcgg      420
gattcactgg ctctgctgga tgtgccgtcg tgaccatgga atctgctgcc cttgctactg      480
atggccgtta cttcaaccaa gccgcattct aactcgacga naattggacc tacttnaaca      540
agggttcaa natgtttctac ttggcaggat tggtcngngg acaatctc      588

```

<210> 785

<211> 615

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

```

<400> 785
agtacgaccg catcatggag aagaagatga ctacccccac tgaggtcctt tgccgtgggt      60
tccctaacga gtttgccatc tacctgaact acactcgatc ccttcgcttc gatgacaagc      120
ccgactacag ctacctcgc aagatcttcc gagacctctt cgttcgtgag ggtttccagt      180
acgactacgt cttcgattgg accgtataca agtaccagaa gaacgctcag gctatcgcca      240
ggctgctggc aagccaaccc cgaggatgac gagaaggctc gtgccagccc gcaccaatgc      300
cgctactgcc ggccagctct ctgctaagcc caacgctatt ccagcactcg ccgcaagatg      360
cttgagcgan gctctggcgc ttggcggttg cactccgaca ccaaccgtgc cattgggtgg      420
aagcacagga tgtgagtata tggncataac aggcttctn acttcaagga ccggacatgc      480
ctcggcagtn tcggcgcaatg attcaaaccg ataccctttt tttttnggat cttatatggg      540
accgttnttg cgatcaacca aattgnatcg gtnaagtttt gaagtgggtga tttgtgcata      600
tttgccatga cgtnc      615

```

<210> 786

<211> 2096

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(2096)

<223> n = A,T,C or G

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<400> 786
cgatcttttc cgaaaggcaa ggaagggtcca tctcccccac acattttcca catcatcaag      60
tataaagcaa gccgtctctt ccccccacag tggactttac tcttcaccaq atcaaacaca      120
atcaagcaca agaaaacaaa actcgcaaaa accaccactt taaaactcat tctcaaatac      180
tatcaacctg aaacacttca cttccaaaac catcaccaac acaacaaaaca cantggcttt      240
cttccccccc aactttctaa actccgaagg ttccttcacc cctctcttcc gcttccttga      300
cgactacgac agctactctc gccagggaac caacggaaar ggcactcgtc gcagcggcct      360
tagccactgg cagccccagt togatgtccg cgagactgga gactcctacg agcttcatgg      420
cgaactccct ggtatgaaqa agtctgatgt tccatcgag ctcacagagc ttcagactat      480
gctcatcctg ggcaagaccc agcgcactta cactgcccgc acacctcccc ctggcctcgt      540
cgaggacact gaagcccagc gccgtatcac cgacaacaac gaggaacaca acaactccca      600
ccacgccact gtogaagatg aggagcaggc caaggctcac ganaccagca ctgagggtcac      660
tcaccacaaa aagccccang anggtngana anaagcctgn cgaccaagtc caagtctggc      720
tcaccgagcg caagttttcg ggaagttctt ttgcagntt caacttttcc tactcgtgta      780

```

gaccaagata	acgtattttag	agtccttaaa	ttcatacgat	ggtagtcttg	agcatcgtgg	840
tccacaaagg	ccaaaaagca	cgaatcaaga	acagtaacga	gaggagttca	ttaacctcgg	900
cacaaaacaa	tcaatcacat	tatagattaa	aaaataatac	atacttgctt	ctaaaggccc	960
tagttttatgc	aaatacaaac	atcgcttact	tgccggcggtt	ctgctgcata	atgagaatct	1020
ggaccatgcg	gatgaagatg	ttgaggaagt	caagctcaag	agagatactc	tcattaacgg	1080
ggtcacggcg	catgacacca	gcctgagcga	gacgggctg	gtgcaggacc	ttctggacat	1140
cgaacagagt	gaaaccaccg	aagacagcga	gacccaccgt	acaaccagag	gttttcagtg	1200
aaagcaagag	ttcggacagc	agtggcgggg	atgatgagag	gagcaagacc	ggaggcagca	1260
acgatagcgg	caccagcaag	aagaggacca	ccaatgtaga	ggtacttctc	ctgcttagca	1320
gtggcgccga	caatagcaag	accacccatc	atggcaatgg	tgtanagacc	agcccgcgcc	1380
aaaagaacgg	gaggaacgaa	ggcgagaana	gggncgacaa	agncagcctg	ggtggcggtg	1440
aagcagtcca	aagagcgtac	tttgggaata	tagttgtcag	ggctgataga	ccgagttcca	1500
atcatggtag	caaagctgag	agcaagccac	caatgccaac	caacccaagg	gttggttaacc	1560
ataattcggt	acacaaagcc	agtttgaacc	atttgtcgag	ccgtcaatcc	aatgatacca	1620
attccaagtc	cagtgtgcaa	gaagggtgtg	ttcaggtatt	cgcgctcgta	gacgggcatg	1680
ccgcatctct	cacgagctct	acgggttgaag	acagcgttaa	tggcgacaag	agtaccacca	1740
uagatggcac	ctccgaccaa	gagtcgtcgg	ctggttgact	gaggggctgt	tgcgacacca	1800
gtagggggac	cctgggtggt	ataacgaccc	ccggcgcgac	tcgttcgctg	gaaggcattg	1860
cggatggcag	tgggtgtgat	gcgcgaggtg	aagaagttgg	ctgtgggctt	ggcctggacg	1920
tggaagcttc	gggcggatgc	ggagttgcgg	aaagcagctc	ttgagagctc	aggaagcctc	1980
tgcgaagac	gcgcagggcc	ctggcggaca	gtgagggtga	atgacatcgt	cgttcgttct	2040
gtcgggtgcag	tgcgtgatcg	ataatgcagg	cgtttacaaa	ggaaaatggt	gaagcg	2096

<210> 787

<211> 544

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(544)

<223> n = A,T,C or G

<400> 787

aaaacggctc	gccaacgaca	gcggcaacac	ctccgccgag	agttctatct	agcacaacgg	60
gaagcgactc	gttgacgata	acgttttgaca	acagcagggt	gacaagaacc	caatgctttc	120
cacggtttta	caacttgagc	acacgggttcg	cgttcttaga	ctgcgattcc	gcagggtcgc	180
cggataaaaac	ctggaggtaa	atactgtctt	gtcccatcaa	cgcaattgtc	aatccagcaa	240
aagcaccacc	gagaagaacc	aaaaccatcg	aggcgacggc	gaggacccaa	aggtcggtag	300
cctcgccctc	ctcttcatga	tggccttttg	tgtcgatttg	aaaggcggac	acagntgtta	360
agctggcgcc	aaaaactcga	cccatgccaa	tgacagccgg	ccgtattgag	cccatattat	420
atnttcggag	cgtgtgccat	gatgacagta	tgattgactc	gagagtcgtg	cccccgatat	480
cgatqataga	tctcgcaccc	aaangcgaaa	cgggaaagcg	aanagtcgly	tgtcaanaat	540
aaaa						544

<210> 788

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 788

cttcgcccag	ccgtcaccac	caaattttcc	acgtcgacaa	cctcaaccgc	cgcaaagatg	60
gtcaacatgc	gcgttcagta	ccgncgacgc	aacggctaca	acaccagctc	caaccgaacc	120
cagatcaatc	aagactcccg	gtgggtgatat	ccgtctgctt	cacatcaaga	agcgaggcac	180
tgtccccaag	tgtqgggtgac	tgcggctcca	agctctctgg	tatccccgct	ctccgaaccc	240

gcgagtactc	ccagatctcc	aagcccaana	agaccgtcca	gcgcgcctac	gngggttctc	300
gatgcggtaa	ctgngtccgn	gaccgnattg	tcgagctttt	cttatcgagg	acanaaaatc	360
gtcaagaagg	tgttgaagga	gcaggagcag	agccagaaga	agaaataaat	gcaatcctaa	420
tcggatttgg	ctttctgcgt	gggaatggca	aggacctctt	ggggattcgg	ttcattgctt	480
tggtgttcat	taggcaaaaa	gggactgaat	gcatgatata	tcgggccgcg	gccagaatgg	540
atggccctct	gctgtcttag	gactgctact	atcctcttgg	tgacttgaat	gacaaaagaa	600
catcaagctg	ggaaaaaaa					620

<210> 789

<211> 524

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 789

ggccatgaga	gcttcgttta	cagtatcaca	agtctcccta	caggcgaact	ggtcagcgca	60
ggagaggatc	gcactgtaag	agtatggaaa	ggcaacgagt	gtgtacagac	cattactcac	120
cccgccatnt	ntgtatggac	agtggcggn	aaccccgaaa	ctgganatat	cgttacaggc	180
gccagcgata	gcattgctcg	cgttttcaca	anaagccctg	aacgtactgg	tgacnacgcg	240
atgcttaagg	agttcnaana	atccgtcaag	tcgtcatcna	ttccccaaca	acaagtnnga	300
ggcatcaaca	aggagaagct	ccccggaccc	gacttctgac	ttcaaggntg	gtccaaggng	360
ggtaagttc	aaatgatcaa	ggaggacaat	ggtgcccgtg	acttgttaca	catggtncat	420
tgaccnaca	caatggggta	attgtcgnaa	catcttnatt	ctttcgggat	ttcttgga	480
aaggtenata	cacggaaaaa	agtncanttt	ttttttntgt	ttat		524

<210> 790

<211> 490

<212> DNA

<213> Fusarium venenatum

<400> 790

gttattctgt	acaagttgct	cgatgagaca	tggggacatg	aaggatacct	gagatggctg	60
atgaacttgc	ggctggagta	taccaagaag	cgaaatgcc	tcctggccgc	gtgcgaagat	120
catctacca	gtgacctcgc	cagctggacg	cctcctgtag	ccggcatggt	tatgtggatc	180
aatattgatt	atacaaagca	tcccgaaggca	ggaaagcgaa	gtatcatgga	tatagaggag	240
gaggttttca	actcatgcat	tgagaacggc	gtgctcatcg	ctagaggctc	atggttcttg	300
actgaaaagg	acaaggcacc	accaggactg	ttcttcgggg	cgacgtatgc	atccgccaca	360
cctgagaaca	tgaacaaggc	catcgagaag	tttggaagg	ctgttaggga	tagctttggg	420
cgaagtga	gtacttaggt	agatctatat	cgcctgaaat	tataagcatg	caccgagttt	480
gatatggcgc						490

<210> 791

<211> 356

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(356)

<223> n = A,T,C or G

<400> 791

agacgagcag	aaagttgttg	agggccgtca	aaagtacnac	gccgnattgg	caganaaaat	60
cctatcagca	gaggtgaagc	ctgaactgat	tgttctcgct	ggttggatgc	acgttttctc	120
gactgctttc	cttgatccca	tcaaaaaggc	gggcatcaac	atcattaatc	ttcatcctgc	180
gcttcttgga	naatttgacg	gagctagtgc	cattgagcga	gcctatgatg	aattcaaggc	240

cggacgacta acacgctcgg gtatcatggc ccactacgta attgctgagg ttgacagggg	300
tnctcctatc tgggtcaagga gatcgagtgg aagggtgaga gtctaaaaaa ntataa	356

<210> 792
 <211> 608
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 792	
gttattgcag aggcgtgatt tatcacaagt caacattctt tgcgcctgag acctgattgt	60
gttaaggcct tatattcttc atctagaagg cgagacacgg accctgttct gtcgctttcc	120
cctccattca gactcttgat ctccagctgt ctccaaaatc caacgggttg ctatctgact	180
accccgccaa catgagtttc gccggcatgc taaacaggct tcacggccag cctgagagct	240
acgataagaa atccaagtac aagttcggtc gaaccctcgg tgctggaaca tatggagtgt	300
ttcgcgagggc cgatggccta ccggcaagggt tgcagtaaag atcatcctca gcgaaatgtc	360
aanggcacg agcagatggc tatgacgaac tcgagatgct gaanaactca agcacccctat	420
atcgcaagtt gtcnctgggt gagtcnagga caagtctaca tcgtgccagt tgntctggcg	480
gcaacttttg accgatttnc acaggnaaagt taccaaaaga tccccnaacc tnaacaagtc	540
tttgntgcaa ttctcccaga cacatgtcat angattaagc tgnaactttt tactaanaaa	600
acctgatn	608

<210> 793
 <211> 660
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 793	
ggcattcccc agtcattctc attgccaggc gcaaaccgca tccgataaga actacaacaa	60
tgttccctgca acgctccgcc atcaactgcg ctccgccgct cgccgccgca cctgctgtcg	120
ctcgacacct tgtaacctcc gtcgctcgcc gtgatgccag ccgccctgcc acccccagcg	180
aggaggtgc tgcctcttgc ggcactgcc agaagaaggt tggatcctac aaggtcctga	240
aggagatcca gactgaggag gatctcttcg gtccctggtc cgcctccggt accgtcccta	300
ccgatctcga gcaggccacc ggtctcgagc gtctggagat tctcggtlaag atggagggtg	360
tggacatctt cgacatgcgc cctctcgagg ccaccgcct cggaacgatg aaggacccca	420
tcattggctcg atctgctggt gaagagcagt ttgctgggtg cactggtttc cctgtcgact	480
ctcacagtgt tacctggctc ggcattcccc gcgagcgccc tatcgancga tgccccgagt	540
ggggcagcgt ctacaanatg gactacgtcg gtccctgagg acgatcacac cacaccacct	600
tctgagtttg aggagcccaa aattttggcg attacattaa gccttgagta cgatcaataa	660

<210> 794
 <211> 699
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 794

cttctacaag	acattgactc	atacatttga	atacttgtac	atcaccaa	acccaatttc	60
atatactctt	tacaaatctg	aatatgctat	cctccagtaa	tatgatgcga	actagcattc	120
ttcggccagt	taggctggtc	actcaaaaca	caacacttct	cgcacgctca	acaacagcaa	180
taatccagac	aagtcgccaa	aacttttcat	ctaccagaag	aacgccttgt	acaagctgcg	240
tagcttctgg	gtgtcagcca	tgtgtctgct	acggctcgaa	aagtcgtggc	agtgaagta	300
gcatcaccac	aagcttcaac	gctaaaaacc	tacgcaaagg	tgcagcttat	gccactacag	360
caagtccgat	ccctactgag	cagtgggcac	aggttttaga	aaagactggg	ggagctgttc	420
aatataaaaa	gatcccagtc	cctacaccag	gatcagatga	ggttttgatc	aacatcaagt	480
acagcgggtg	ttgtcatata	gatcttacgc	gggtcaacggc	gactggcccc	tttgcagcca	540
agatccctnt	agtggggggg	catgaagggt	caggcggttg	taatagcacg	agggtgaagct	600
gggtcaaaag	acgtcgaaaa	taggtgacca	tgtagggtct	aagtggcttc	atggggtcat	660
gcatgattgg	ngagcaatgg	tccccagtc	aacgaatct			699

<210> 795

<211> 632

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 795

ctcactctcg	ttcgtaaca	tgaagtactc	tacogtctct	gccttggtg	gcctcgccgc	60
cgcttccacc	aagaagctc	tcgtcaatga	gtccaagctc	caaaaggaca	tcacctcaa	120
gggtctcatg	gctggcgctc	agaagcttca	ggacattgca	gaggccaacg	acgatacccg	180
tgtcttttga	ggcaagggtc	acaacgccac	cgctcgactac	ctctacaaca	ccctcaagtc	240
cctcaactac	tacaatgtca	agaagcagcc	cttcaactgag	ctgtactctg	ccgggtaccgc	300
ctccctcaag	gctgacgggtg	atgacattac	tgcgcgcac	atgacctaca	cccccgctgg	360
tgagtcttct	ggtgctctcg	ttgttgccct	caacctcgga	tgtgcggcca	gcgatttccc	420
cgccgagtc	actggcaagg	ttgttcttgt	taagcganga	gaagtgtgct	ttctctgcca	480
agtcacacca	cggnaaaggc	tgctggcgct	ctgcgcgtca	tcgtctacaa	caacgttcc	540
ggcgaaactc	acgggtaccct	cggggagcct	ttcgngaat	ttcgctccca	atggcggcat	600
cagcctcgag	gatgggtgaag	ntatccttgc	ca			632

<210> 796

<211> 470

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

<400> 796

nacaaggagc	gtatccccga	cggctggcag	ggacttgact	gcggcgagga	gtctgtcaag	60
ctctacaagg	aggccatcgc	cgaggccaag	actatcctct	ggaaccggtc	cccgccngtg	120
ttttcgagtt	cgagaagttc	gccaaagcgc	acaaaaaggc	cnaccctcga	cgcgctcggt	180
ggacgcttgt	ncagaaggac	cggcaaagat	tgntatcatt	cgggtgggtg	gtgacaccgg	240
cascgngncc	aagaantncc	gtgtttgagg	acaagaataa	gccangtctt	ttanccggcg	300
tggtgccagc	ttggacttct	ntaaggtaaa	gancttcccc	gcgttactgc	ttttgtcaag	360
ttgggcaagc	caaggtttgt	ctgnagcaaa	ccagaaaaaa	aggtaattga	ataccaaaat	420
atccattana	ngcgtaaaac	cgnaaacaaa	aaccacacnc	tgtncaagg		470

<210> 797

<211> 452

<212> DNA

<213> Fusarium venenatum


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<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 797
aaanacacga cacatcatca nccgcgacac catctctctg atgaaggagg acgctatggt      60
ggtcaacacc tcgcggggcg gtctgctcga caccgaagct gttattcatg cncttaagac      120
gaaccatatt ggtgggtcttg ccctcgatgt ntatgaggca gaaggaganc tcttctataa      180
ngatcattcg tccaccatca tccaagacna taagcttatg cgtctcatga ccttccccaa      240
tgtggtagtg tgtggccacc aggccttctt cactgaggag gccctactg anattgccga      300
gtgtntctct atcaatctcg aggaatggat agagagcaag acgagcaaga actctctgac      360
caaggatcct aagctgcgac gtcgtgactc actgcccgtc cgcgccattt aaatgtggnc      420
ttgttncttc caattgctat tgtttgtctt gc                                452

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<210> 798
<211> 566
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 798
acctcccaac atcgtgtttt tttcacttta acataaaaaa caacctttta acattaaaaa      60
ccccaatntt atttatttgt ttggacaatg gacaatggga cacctagggg ggaggtcgta      120
gtacccccct atgttttctc ccctaaataa ccccaaaaat ctaagaaaaa aagacctcaa      180
aaagggtctt aattaacatc tcaaatttcg catttattec aatttccttt ttgcgtgtga      240
tgcgctgcgt ccattaaaaa tcttagagct ttgcaaccga aagttaatag ctgtcgctac      300
tactttcgct tacgctctaa gtatatatta aggactgtca cacgcaaaaa gttttctcgg      360
cataaaagta cctctacatc tctaaatcgt ctgnacgctg nttctcacgc tttctatcga      420
ccttctggac attatcctgg gacaacatcc ataaactgtc ccacacgctc gaatttggaa      480
tcattaaaga atttctcttt aagcctatta aaccttttct caaacccagg ggaaattcgg      540
cctgcgcgca cgatataaag gtcact                                566

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<210> 799
<211> 307
<212> DNA
<213> Fusarium venenatum

```

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<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 799
nccaacctcg catccacata tncactttta cgaggccatc atgtcgtctc ccttctnnat      60
aaacggngyt gctgtgtctg ccctgggtcg caaggactgt gtcgcacatg catgcgatct      120
tcgccttggt cttcaggccc ttaccgtttc caacgacttt cccaagatct tcacgtaacg      180
tcacgtcttc ctgggtctga ctggcctgct accgatgtga acacggggag cgacctnttc      240
cgctacaagg ttaacatgta ccgcctgcgt gaggagcgcg atatcgccac tcgtacattt      300
gcaacct                                307

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<210> 800
<211> 621
<212> DNA
<213> Fusarium venenatum

```

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 800

cgaagatggt	gccaagggtc	ttgacgagca	gatcaaggcc	aacggcggtc	ttgctagcca	60
gcaggatctc	ttcaagcagg	ctcgcccta	catctccgac	atggctcgcta	ttgatgtcaa	120
ctaccgctat	gttaaccgta	tttctggacg	aattgctcct	tacattacaa	gctttatgaa	180
ggatgctgag	gcttgccaga	aggttgccga	tgctgttcag	aagcactacg	tcgaggagga	240
tgagcgcaaa	tacgggtgtc	cggaaaagga	ggatgacggg	gagggttgaga	tcgtcaacgc	300
cgacttctct	ctcgccacg	gtgggtatgt	tctcctgtcg	cataccaact	tcgcacttct	360
caagggccac	cgctacggtc	tttgccggcg	aaatgggtgt	ggaaagtcaa	ctcttatgcg	420
aagtatcgcg	aacgggcaagc	ttgagggtct	ccctccccag	gatgtttctc	gcacttggtta	480
tgctnaacat	aacgagggcg	aggatgtgt	atcacattct	tgagttcggt	gcaaggaccc	540
cganaattgc	ccacaaggcc	ttgagcggtat	tttccgaggt	tttngccgan	ttcggtttcc	600
ttgtngccct	naggntcaac	a				621

<210> 801

<211> 861

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 801

ctgaactcta	caacattcaa	gctttttatca	taaggcagac	cttgaaagac	tcaataactt	60
tcaatectcc	tctctctccc	aacctttctc	cttcttcgac	acatctccgc	aacatcatct	120
tggtcttaagc	ctgcacccaa	gcgagacgaa	tccatccatc	cgccataaacc	caggctcgccg	180
ttcgccgttc	gcctcccacc	tccccacctt	acacaacaac	ggcagactct	tcgcccatac	240
tgaagggtcac	tttcaaagat	ctcaagcagc	aaaagtctac	gctcgatgtc	gagccctcag	300
agttgatctc	tgccgtcaag	cagaagattt	ccgccgagaa	gggatgggaa	cctcagctgc	360
agaagcttat	ctactctggc	aaaattctca	aggacgatga	gactgtcgga	tcctacaata	420
tcgaggagaa	gggctttgtg	gtctgcatgg	tgaacaagcc	caagcccaag	cctgccgaat	480
caagcgtctc	tctcctgtct	acaccgcgcg	ctcctcctac	ccgcactccc	gtgcccagc	540
tgctcccgcg	cagtcttcat	ctcagcaggc	tgccgttccc	gcaacaccca	ccccctcagc	600
ctctgtctgt	acccggacctg	aagagccttc	gggcctgggt	atgggatctc	agcgtaccga	660
ggcgatttgcg	aatatggagg	ctatgggttt	tgagaggagt	caaatcgagg	cggttatgcg	720
cgtgcctttt	aaaaccccga	ccggctgaaa	ataacctgnt	taatggnatt	ccgacaacat	780
ccgnnaagaa	cagcaacaac	gcgaggccgn	ccngggagnt	cctgcttttt	aaccatttaa	840
accggtggcc	gcccgttctta	a				861

<210> 802

<211> 583

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 802

attcttttcgc	atcaaaacttc	aacttttttt	ctttgggttt	ggaaataaaa	cagtttttct	60
ctttccttca	tagcgattcg	ctccttctc	tctcttttct	atagaatggc	ttcctccaac	120
aaggtgtttt	ccctcgaggy	aaaggtctc	aagctcgaca	ctgctgagga	tatcgaggct	180

cacattgccc	ctcttcgata	tcaagatgtc	gaggagggttc	gcatttttggg	caacacccta	240
ggtgtttggcg	cctgtcagcg	cctgggtgag	gttctcgcga	caaagaagaa	cattcgtatc	300
gccaaactttg	ccgacatctt	caccggccga	cttctgagcg	aaatccccga	cgctatctcc	360
tccctcctga	cctccgtctc	aacctcccta	agctcaaac	tgtcaacctc	aacgacaacg	420
cattcggctt	aaacgtcaag	cgcctctcgt	ggcattcctt	tccgacacgt	tcctcttcag	480
cacctgtacc	tgaacaacaa	cggcatgggt	cctcatgctg	gtattcttat	cgccgatgcc	540
ctgtccgagc	ttcacggcaa	gaangaaggc	cgcccgaag	gaa		583

<210> 803

<211> 500

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(500)

<223> n = A,T,C or G

<400> 803

caacccttcg	actaaccat	ccagcaacaa	tggccgctga	tactcccgcg	aagtcgggtc	50
tggccgttgg	cctcaacaag	ggccacaaaa	ccaccccccg	tggtgtcaag	ccccgtgttt	120
cccgaaccaa	gggccacctg	agcaagcgaa	ctgctttcgt	tcgcgaggtt	gtcaaggagg	180
ttgccggcct	tgtccctac	gagcgccgag	tcacgcagtt	gctccgcaac	tccaaggaca	240
agcgtgcccc	taagctcgcc	agaagagac	ttggtacctt	cggccgtgcc	aaggccaagg	300
tcgacgagct	ccagcgtgtc	atcgctgagt	ctcgccgtgc	tggtcattaa	atcgcttaat	360
ctgatttctg	ggaatctggc	accaaattggg	tttcgcatgg	attggcgtgg	tcacgggtatg	420
atcaattaaa	aaataacggc	tttgatgctc	cgtggcgagg	aaagctgcgg	ctnaccggaa	480
taccaacact	ttcaagcaaa					500

<210> 804

<211> 663

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 804

cgcgttgcca	ccacaacgac	ttttcgacga	ttcatctcac	aaattcgaaa	tcattggccga	50
ccacgcagaa	gcagaacaag	ttgagatggc	gccggtcgct	gagcaagaga	accaggagat	120
ccacgttagc	acaaacaata	acgaagtctt	ggcgccctact	ggaaagaagg	tcgtcaagaa	180
gatttatccg	aagaagaagc	ggcctgcgcg	agcccaagtc	gaccccgatt	tcttcacaac	240
agaaccccc	ccccaaaccg	gtacgatctt	caacatctgg	tacaacaagt	ggctctggcg	300
cgatagagaa	gacaagtatc	tatccaagac	caaggccaag	agtcgctgca	atgtctcgaa	360
agacagtgg	tataccaaag	ccgacgcgat	accggggagc	tttttctgct	tgcgtttttc	420
gcgtggaatt	tgcctccaag	gtcaagactg	cgactatctt	catcgacttc	ccggaacata	480
cgaaacattt	aaccttaacg	tcgattgctt	cggaaqcqac	aaqatctccg	actaccgaga	540
cgaaatgggg	tggcgtggga	aggttcctga	aggcacaacc	gaacagltta	cgttgggggag	600
aattcaogtc	ctgntgatat	tgaagagatc	gnngcgccga	catttcncaa	aatgggggtct	660
ggt						663

<210> 805

<211> 622

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 805

aaaaaccgac	aaacacntat	tacgtgtcgn	cgagcttaaa	aaccgaaaca	atatccataa	60
cattatctac	taccgcactc	agcatcttnt	ttctccaagt	caagcttatc	aacaaccatg	120
tcgtcatcgg	caccnccacc	cacggtcgat	gcncccgacg	agcancagan	cgatacctcc	180
aagttgnnaa	catttctggg	tatctngaag	aagttcatgg	gcgtttcggg	ccttgagca	240
gtcatattct	cactgccgnc	gcagttgtct	nagcccaccc	cgaatntgga	atactggacc	300
tatatngatg	ctcccaatgc	cttcgttgcc	atgggcacct	cggacgaacc	ttttgatcgc	360
atgctcgagg	nggccgtttc	tggttgacca	aagacctgaa	gtacgccaaa	ggaaggccat	420
gcaaacctta	caactcatgc	cttgngaat	tntttnggtg	caattggnaa	actgaanaca	480
acccccana	gatcgacaca	tccaccttaa	acaaaaaaaa	ngcatcacccg	agggcggact	540
ttnagccttg	aaggttctct	nttagaacac	aaaaacaatt	caaacctttc	gtttttgngc	600
ctaacatggc	nectacaacgg	an				622

<210> 806

<211> 481

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(481)

<223> n = A,T,C or G

<400> 806

aggaccactg	cgacttcaag	aagctccgct	ccattctgat	ccgaaacaca	catgctcgac	60
cttatccaca	ccaccgagga	nttgcatlac	gangcctacc	gcgcccagca	gatggagacc	120
gcaagtccgg	cgaggccgct	cccgcgaagt	cgacaacccc	aagttcaagg	aggagganga	180
ggcctccgaa	agcgattcac	cgagcaggct	nagatcnaag	agcagcgctt	ccgacaatgg	240
gagcagaanc	tcatttccga	ncgcgaccgt	ctcnacaagg	atctcgagca	aacccacgct	300
cagatctagc	anctcgagca	ggactggaca	natcanggca	gtgctgtcgc	agtcatggac	360
ggcgctaagc	gacatcnagt	agacgtaatg	cntgcatgca	tggctgcagt	tggacagtc	420
ttcnatttct	tttactggan	ctcanttttg	gggttggagt	ggaaaaatga	aangtcgaga	480
a						481

<210> 807

<211> 644

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 807

ctcacttoga	acaacgtcga	gattaaacca	tacgacgcta	tctttgaqqa	ttctcaadca	60
ctcactgncg	ctgttgccgc	aaagacnaag	gctgatgata	angcccccaa	gggaaacttc	120
ctgatctcta	acaaaaggctc	atggggcactt	aagcgagctc	ttggaggtga	ctcttcgggt	180
gatgagatca	gaagtcttat	tggtgatgca	aaggccatca	agaccgagge	cgaactcaag	240
ggtatgaggg	aactggcacgt	gcgggaacgt	gcttcgctca	ttcaatatct	tgtttggctc	300
gaggatcagc	tggtgaacaa	gaagggtaca	cttgatgaag	tcaagcttnc	cgacaagctt	360
qaggagcttc	gcaaaagnaaa	gaaggactll	gttggcttat	cggctccgac	tatttctcta	420
ctgggtgcaaa	cgctgggata	attcantacc	ggcccagagc	tggnaaatgt	gccataattg	480
acccgaagcc	atctaccttt	gcgaatctgg	gctcaatacc	gngacgggac	ccagacacca	540
ctcgnacact	ggacttttga	acgccaccgg	ttcttgaaag	ggaagcgtnc	cttttgggtt	600
tgaangggca	catttttttt	aaaccaagcc	tcttttctta	aggn		644

<210> 808
 <211> 476
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(476)
 <223> n = A,T,C or G

<400> 808
 cgccccacaac gtcaattgaa agccgaagcc ttgcaataat ggccgccttc cgatctcaga 60
 gtgcggctcg tatgctgcga ancgccgctg ttctctgagt cgcctctctc gccgctcccc 120
 gacnattcca gagcaacatc acctcggcca ntggtagcat cactgggtccc gtttccaacg 180
 agcccgacta caacatccan gctgataagg ctacctccac ctataccccc gtcctctgat 240
 ccatccaaga tggtagcgaa gagatccttc ccgcagccat ratctcaggc gctcccatgg 300
 agctccaggc ccgaacagtt cgcctctacc aggaagccaa gcccgctacg cactccgggtg 360
 actggcgcgg tcgacctggc gaatggactg ggatattctc cccagggaca ccgatgggag 420
 aacctctgat nggctggcaa tcttcagtga ttcatgcagg gaaatctctc aacttc 476

<210> 809
 <211> 271
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 809
 naactacant ccaatccata ttnaagtcga cagaatggga aaatcttnan aagataagcg 60
 cgacgcttac taccgtttcg ccaaagaaca nngatggcgt gcgcgaagtg catttaagct 120
 gctcagctc gagaggaat tcgatctctt cgcgatgtc actcgagtgc ccgacctntg 180
 cgcgctccc ggaagttggg cgcaagtact ttcccggtga ctaattaagg gagagaagtt 240
 tggcggggnt gcttgncagg ataaggaagc c 271

<210> 810
 <211> 647
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 810
 ctacagcaag ttccactcag tcttatttcc tgtgaaaaat ttcttcgctg qctcaaaaag 60
 ctccggctcg gggtangtga ttccattttac ccaggatcga ctggccgagc aactggcaag 120
 attcgagacg gtggatgaaa aggatattcat gactgcagan cccttcattg ccaagtttat 180
 aactagcagc caanaacaac cagagagatt tacacgtcga catgtcacca tgggttgcgt 240
 tgcataatag gtggctgggt ctgatacaac aggcataacc ctctctgcaa tcttttacta 300
 cctctnaaa accccagaca gcttgccgaa attaaggga tagattgacg cattcacacg 360
 tgaaggaagg ttatctgaac atccancatt ccattggaact cagcagatgc cttaacctcc 420
 ggcatcctc aaagaaggat tgcgtcttca cccggcagta ggactcccc tggaaagtga 480
 ggttcctgca ggccggagcga aaattaacgg acactacttn cctgcccgtg caattgcccga 540
 ataaacgctt gggttccaca canggatgaa gagcgtnttt ggnccanag tcgacgtatt 600
 caaccanaa cgatgggtcc ttgaaaaana aaatgtcaca attatna 647

<210> 811
 <211> 627
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 811
 gcctaactgg aagagacgag ctcaactatt ggctgcctac accagagact atcagttggt 60
 ttatgatagc aggcctcttg taagagcatt accggaccaaa acttntttac cgtcgaatct 120
 ttgtcattta aatcctcaca atggcctccc aactgctacc cctcgagctt atcgacaagt 180
 gtgttggctc gagaatttgg gtcacatga agggcgataa ggaattcagt ggaacactcg 240
 tgggatttga tgactacgt caacatgggt ctggaggagc tgactgagtt tgattactcg 300
 ggaaaccaca ccaagctacc caagattcta ctcaacggta acaacatttg catgttgatc 360
 cccggtgggt agggcccana aggggctgct tcaggttgag aaggaaaagc caaagaaaca 420
 ccgcaagcca attcaatcaa tcaagactca tgacgagcat tcccccaac acggaatcaa 480
 aacttcgcgc ccttatctta atattgngg tgggacattt gcataaaaa gaattagggg 540
 cgcagtngc ngctcaaaaa agtcctaagc attgagctca tcccanttac atntggcaaa 600
 aataaatata gtattctacn nccccca 627

<210> 812
 <211> 288
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 812
 tggttggaag ggtatcaaag gttttgtgaa ccaagcgctg gtccccgagc aaatggcggt 60
 gcccaaacca agtgggtgaag gtgatgagtt ggtgctcgtc tgcggacctc cgctaagtgt 120
 taaagctgcc gaggaacat ttataggttt aggccttaag tcggacgatt tggtatTTTT 180
 ctgattgaat aagcgtaaat agggaaaagg tattaaaagc atagaaatat aatgctttgc 240
 atnaaggcgt tgcattgtgt aatagaataa atgattttga gttccttc 288

<210> 813
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 813
 ctctcgaagc cgtccgaggt tggctagctg ccaacctaaa tacttcaaca cgaagtcctt 60
 cagatcatct ctcttcttct ctctctctct tctctcttga ccccgccgag ccagctctgc 120
 agctcttggg aacgttccat tcacgcgttc cggctctatt ggcacgtggg tctcgaagct 180
 tcttcttacc gctggaggga aggaagaact ttacacgttg aaaaaagtta ctctctcagt 240
 ctctgggtatt attacgggaa acccaacagt tgacaactat ggtgttatgg agattaagaa 300
 ctggacgaca ggccaagtgg ctcatgttga atttaagcca cgtggcttga angcatctag 360
 cgratatcaa gtatctggaa angtcactga tgcctccgga aaagtgcgcg tcagctctgg 420
 tggctcgttg aactccaagc tgcacgctcg cctaaccagg ggttacgaag cagcaatcga 480
 tgaatcaaaq cagaatgggt ccgatatggc acacagcggt ctctccgaac ccaaccgggc 540

gtatctcacc tggaaganaa acnaacgggc aactgga

577

<210> 814
<211> 666
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 814
gtcttggttca tggcctatga aaacatgcca atgcttcaac ttcaactctt aaaccactta 60
tcttcggcaa ttggaaaagcc gggggagggc aganaacaaa natactgaag catgaggcgc 120
atagactcca tgatgtacat acatcgatgt ctggtaactaa cartgttgtg ctacaatggc 180
cactccacc aagtccatcc gagctcttgc tccctcccll gaccgtgtcc tcgtccagcg 240
tgtcaaggct ganaactaana ccgccagcgg catnttcttg ccgagtgcca gcgtcgagaa 300
gctcaacgag gccaaaggctc tggctgttgg ccccggtgcc ctcgacaaaa agggtaaccg 360
tctacccatg ggtgttaccg ttggtgaccg tgctctgac cccaattcg gnggctctcc 420
cgtcaaggcc ggcgaggagg agttccanct nttccgcgac agngagatcc tggccaagat 480
caacgaataa gataccenta tatcaaacca aacaataacc agcctgtatc atactgtcca 540
tatcacaagc gggggcggtga gaataaaaact ctactgantt gcttganaag ggaaaaanac 600
ggagttatct gtnatgtang cncaaaaaaac cacagaccat tntgcaagag atntcttcat 660
tttaat 666

<210> 815
<211> 536
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 815
agtgaagtca cgcgtcttca aaaagggtgat cgcgtctgcg tgcaacctat catctacgac 60
aatgagtgcc gctcgtgcaa gcgcggcctt cagaactgct gtgataaaaa cggtttccac 120
gggttgagtg gctggggagg tgggttggcc gaatcaactg ttgtgccgca ggatgctgtc 180
aagaagctgc ccgacaatgt gtccctagaa gtccggcctt tagtcgaacc gcttgctgtt 240
ggaatggcag caatcaagat ctaccctac gaggaaggca actcggcttt tgttgttgg 300
ggcggaccaa ttggactggc tgttgtgcag gctctcatag gacgtggatg caagaacalc 360
atgctgagcg aggtcagctc caagagacgc gagtttgcca agaagtttgg tgcgcacac 420
gtgttcgac ctacaaanga cgatgtcgtg gcgaatgttg aaaaaatttg acaggagggc 480
tgggaacaga tgtttggttt ttgacgctgc angctcgcaa caagctattt gatgta 536

<210> 816
<211> 541
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 816
cccagcttgt ccgcgcggga aaacqtcacg gacctggcct cattatcttc gctatcatte 60
ccataacggc attcatcttg gggacatggc aagtccaacg cctaggctgg aagtcagagc 120

tccttgccaa	atttgaagac	cgttattacc	gagacctct	acctctacca	cccaccatcg	180
acctgatgc	cattcacgac	ttcgattacc	gccgcgtgct	agcaacaggt	catttcagac	240
atgaccagga	gatgcttacc	gggcctcgca	tgcgttgatg	gcacagacgg	atacatgggt	300
gtttacgccc	ttggagcgag	anaatggcac	aacaattcta	ttcaacagaa	gttggattcg	360
aaccagaaac	cccganacca	gaagacgaaa	acccgattga	ttgccactgg	tgaaattcnc	420
atcnaagga	ctcctgaaaa	aacccatgaa	aaaaaaatat	nttttcnccc	cgaaaaccan	480
ccnaaaagg	catnttttat	ttcccgaatn	tttaaccnaa	aggctncntt	gaaccggccc	540
c						541

<210> 817
 <211> 1053
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1053)
 <223> n = A,T,C or G

<400> 817						
acaatntttt	ttattttgnc	tccatagcca	atcgctaaaa	aaaaatgcct	tcaaacaatg	60
ctgcatggct	cgttgccgca	aagacntcac	cattcgaggt	gaaggaagct	cccctctctg	120
aagtcgctca	aggccacatc	ctagtcaaga	actcagccgt	ggccatcaac	cccgctcgaca	180
ttgcnaaoca	gcatgtttgt	atttttatatt	ccgagtctca	ataccctgtc	atcctcggan	240
aanatgtcgc	tggtactgta	gaggcagtcg	gctctgatgt	caccaatttc	cagccgggtg	300
acagagtctt	aggetacgcc	acttcgctcg	ccagcaagga	caatgcgaac	agcgttttcc	360
aggagtatac	atctatttga	gccgattgcg	cctccaagat	tcccgaacgg	ctttcttttg	420
aacaggtctg	tggtctgccc	ctctctctcg	ctacagctgc	atgggctttg	ttcgggcgatg	480
ccacgctcaa	tgatgaaatc	cccagttctc	accccagacc	tactgggtgaa	acagtcctca	540
tctggggcgg	tgccgccagt	gtcgggtggaa	ctgcaattca	actggctaaa	gcagctggct	600
acgaaagtca	tcaccactgc	atcaaccaag	aaccacgaat	acgtcaagag	cctcggcgct	660
gaccacgtct	ttgattacaa	gtccccacat	gtgaccaagg	acatctgctc	actgctcatg	720
agcaagaagc	tgcgaggagc	attggaggcc	agcggtaacg	aagaagccat	gaatagcgcc	780
agccaatcca	ttgctcacgg	cgatggttttg	cgcaagggtta	tttgtgtccg	cggctcctcaa	840
tgcgagctgc	cagaagttaa	ggctcagccg	atcatgtcaa	caagtattat	tggtacacca	900
gttgcaaagg	ctgttttttg	agattacata	cctgatgctc	tggaacaggg	caagttcagg	960
gcggttccgg	aagcgggaagt	cgttggaaaa	agntttggag	tctgttcaag	ttgggtatta	1020
atacttttgg	ccaaaangggg	tttcaacaaa	gaa			1053

<210> 818
 <211> 660
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 818						
caatatcata	aattcaagat	gaaggttcag	gatcgtaact	tcatatgtctc	tgggcggtgca	60
tccgggctttg	gtcaggcttg	tgtagaggat	atatgcgcga	acggcggttaa	tgtggccatc	120
ttggacatga	acgaagaatc	cggccaagaa	ctagtcaaga	aactctccac	ctcaacccaag	180
ttttttcagat	gcaatgtttt	ggagangggag	agtgtttacca	aggaagttcca	agatgtgtgc	240
aaqtyggcaa	aggagacggg	caagcctttg	ggaggcgtga	tacgagcagc	tggtgtttct	300
acacccgcaa	cgattcttga	ccggaatggc	gctgccttta	gottggatga	ttttgatttt	360
gttctcaatg	tcaacctccg	cggtaaccatc	gacctcgtcc	gccagactct	agagcatctc	420
gccaaagtag	aacctcaagg	actcgacggc	gaaagaagcg	ttgtaatcat	ggtagcatca	480
tccgcagcat	ttgatgttca	aaagggccaa	gtttcttact	ctgccantaa	gggcgctgtg	540
acggccatga	ctttcccatg	gcaaganacc	tgcgcgattt	ggaattcgag	ttngngacaa	600

ttgcttccaa gtctttttta naacccaatg anaaaccgtt ttccccaaaa angncaaaat 660

<210> 819
<211> 547
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 819
cggtttcaca agccccccaa actcaattca aaatggcaca aaacgatcaa ctgcccagagt 60
ttcagcaate ttacacaaat gatctccctc acgattcana caagactntt gaggctcana 120
caacagctgc tcaccaagct gctcaccctc atntctaccc caatcctcaa cacatccatc 180
ccgcattcgg nggtgctatg caaccaggtn tttggaagcc tgtagaggcn caccgnaagt 240
tcgccaaacc tgcctctctt ggactatgcg ctttcgctct caccactttt gtctgtctat 300
gcataacat gcacactcgn ggagaaacgt ctcccgctat tgctattccc gtggcttttg 360
cttatggagg tcttgccagc ttttggtcgg aatgngggaa atggccgttg gaaacacttt 420
tggtgctacc gccctgtcat nttacggagg tttctggatc tcctacggtc tnttgctgac 480
tccncctgg aacgtcttgg nggtgatgga ccttaatgan gggngacaca cgcttggtca 540
tggtttt 547

<210> 820
<211> 590
<212> DNA
<213> Fusarium venenatum

<400> 820
aacatagctt ccgaaacgaa tgcttaatat ctccaataga aagcctgtca tttacagatg 60
aaotgcttgt ttccaatgcc cgtcacgtga tatgatttcc atgctgaact ctgtcaggta 120
gcttccatca ccaaagcacc aactttacac tcaccaatcc cccaattaat cgcacactaa 180
ataacacagt caaaatggcc gatgttgaaa tggacgtcga tgtcgaggcg ggctctcccc 240
ctccccccgc gcgcaacgaa tccgacatgc aaacacacac taaagccacg gccgtccgct 300
ccatcgaagg ctggatcacc attgtaacaa atgtccacga agaagccgac gaggaggctc 360
tgcaagatct ctttgaggaa tacggagaga tcaagaacat gcacctgaac ctgcaccgaa 420
gaagcggtta tgtcaaggga tatgccctta tcgagtatac aacgctggag gaagcccag 480
ctgccataga cgggcgcacg aacacaaact tctcgaccag accatctcgg tggactttgc 540
ttctgtgcga actcctcccg gcaagcctgg tcgtggaaga agcgttggtg 590

<210> 821
<211> 494
<212> DNA
<213> Fusarium venenatum

<400> 821
aacgcattca ctctctccat ccaaaacgca ccgagctcca tactcgccgt cattgaccaa 60
tctcccccct cttaaagtcaa ttctcctca atcaattcaa aatgtcggag gacggtcagg 120
agcttgctac caagcctctc aagtttgcac ctgctgglac tgatgctcgt ttccccaaca 180
tgaaacagac caagpactgc tggcaaaact acgtcgatta ccacaagtgc attatcgcca 240
agggcgagga ctttgcgccc tgcgcacagt tctggctgtc ttaccgatcc ctctgcccct 300
ccgggttgta ccagcgttgg gatgagcagc gcgaggccgg caacttccct gtcaagctcg 360
acgcttaagc tcaacttgta gatatggaat agtggatgat gttagaagat tcagagcaga 420
cacactgcaa ttctatcatt tglgaaaatg ctllaaaaagc taabcccaaa tattgactgt 480
tggtgttga aaaa 494

<210> 822
<211> 536
<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 822

ggagattgcc	caggatcaca	acaaggaggg	cgctgagggc	gttcagggtca	ttgatgcccg	60
acctcaaaat	cgcttcactg	gcgaggctcc	cgagccccgc	gaaggctctct	catctgggtca	120
catgcctgga	tctatcaaca	ttcccttcag	ttctgtgctg	gatcccaaga	ctaaggcttt	180
ccttcctagg	gatgaactca	agaaactttt	tgctgagaag	ggtgtcgatt	cgcaacatcc	240
tattgtctca	agctgcggta	ctgggtgtgac	agcttgtgtt	atcgacactg	ctcttgagga	300
ggccggagtt	ggatcacccg	aattcaggaa	ggtctacgat	ggtagctgga	cccagtgagg	360
cccaacgggt	gcaaccttca	naaaacctga	ttatcaaaac	aqcaaaaagag	taatacgacc	420
tggtagttaa	tctgtaaaaa	gtongnatac	ctggtagttg	agctgcgata	cctcattaat	480
gatggcctgg	agntgctagg	cgccgtacga	agaacatgca	tccccatncc	tctatnggtt	540
caaggcactc	tgctngcaaa	cgactttngt	tttttgcgat	gggaag		586

<210> 823

<211> 225

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(225)

<223> n = A,T,C or G

<400> 823

ncacctgtcc	cgtggacagn	netgatatca	natcccttgn	gtntgagata	acaagggggc	60
tgaccttaan	atttttcagg	gccganccgt	nttcngctgg	gtgcgtgaca	atntaaacta	120
cagnttntac	tataatacga	agtaccgcgc	aatgggnnca	ctcaaaaaca	ggacacgtta	180
ctgtgtggac	cacacacacc	ttcttgnttg	ncttggnnaag	gctgc		225

<210> 824

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 824

cggccttgge	aagatccccg	cctttgtttg	cgaggacggc	ttcgccctct	ccgagtgcac	60
cgccattgcc	atctacatca	cctcccagaa	cgagaagacc	actcttctcg	gtaagaccac	120
gcaggactat	gcctccatcc	tgaagtggat	gtccttcttc	aactctgagg	tccttcccaa	180
cctcatttct	tggttcagcc	ccttcaaggg	cgagtctcct	tacaacaaga	agaacgtcga	240
cgatgccatc	aaggctaccg	agaagaactt	cgccgtttgt	gaggcgtacc	tcctccacaa	300
caacttccct	gtcagcgagc	gtatcactct	tgcgatctc	ttcgtgtgtg	ccatcgccac	360
ccgtggcttc	agtaacttct	tgataagcaa	tggcgctccg	agcaccctgc	cgtcacccga	420
tggttcgaga	ctctcgcaac	cagcccattt	ttctgtaggt	tgctgagaag	gttgacctnc	480
tccacacagt	tactctgacc	aaccttccaa	gaaggccgac	cagcctaaga	aggaggccaa	540
gaaggagget	aagaaggaag	ccaagaagga	ggccgctncc	gctgcgcnth	ccgtgtgtgc	600
tnccganget	gacgaggcct					620

<210> 825

<211> 650

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G

<400> 825
ttttttttttc aagannccnc aatcaatata tatcattgat tattttctac atagacgcac 60
atcatatgag tcaaacatga tttttcaaat catctcttta cgccgagcca acaatctcag 120
taccagcagt ccgcccgtac acgacacatt ccagcagcga agatcctccc aggcgattat 180
caccatgaat accaccagta atctcaccag cagcgaataa accaggaata ggcacaagct 240
tatcgccgct cttcttcaac acacgagcct tctcatcgat agcaactcct cccatgggtga 300
agtgtgtaat gggcgtaact ctgcccagct aaatatcttg ggtctgattt ttctctccgg 360
gtggaagtgt ccaccttcca cgttggtgac gaacaaaactc atccgctgac ccggcagcga 420
cagtttgggc atacttatcc acagcaacga tttgagcgtt ggttagatcg cgcattttga 480
cctttttgag gagaccttcc cattcgtaga aactgatgtg gttggccgac gcttcaaaaag 540
cacccggatc gagaagaatg gttatgtccc actgtttgat cataccgtcg ccatcagtgg 600
cagttggaag cttcataatg gcattgctaa cgtgttcgcg ggtattcttc 650

<210> 826
<211> 671
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 826
cccaaattcg tccaactggt ttccatatatt gaacacngta aaaaaaaaaag cccatcgcaa 60
gttcaagctg catcggtcta tcgcatcatc acctacacat tgctggctgc gcaatagctt 120
gacactactt gagctaccct gaatcgcatt actagactac atcaacacca ccaatctcta 180
ttttctaaaa ccatecctca gaacaccgtc aaaatgccta aggcctgctgc ctaccgaaa 240
gcgtgctacc agaaccacca agcgtgccaa gaaggacccc aacgccccca agcgtgggtc 300
ctcagcctac atgtttctcg ccaacgagca gcgtgagaac gtccgtgagg agaaccctgg 360
tatctctttc ggtcaggctg gcaagctcct cggtagcgca tggaaggccc tcaacgagaa 420
gcagcgtgct ccttatgaag ccaaggctgc cgccgataag aagcgatacg aggatgagaa 480
gcaggcttac aacgcgcacc aggaggagaa gaagtcttcc tagaaagaag ttcccgatat 540
caaaccaagc gtccctgcag aagggtgaaat ctgattcgat antcccaaca ccantgccgn 600
tttgcaagtt ctggcaggaa gtccctcttt ttgatctcgt ctggcggnnt tttttgatgg 660
ncaagaaaaa t 671

<210> 827
<211> 706
<212> DNA
<213> Fusarium venenatum

<400> 827
aatttagcaa agtcaaacgg ccactgctgc tttctcaact tcttttctac actctctct 60
caacctcacc ttttttcccc ccaaagacgt ttattccaag cgtttcttcg cattctcttc 120
atatcagaca ctatggcga gctatnngt ggaaagcgtg ctccaggacg cgtggctcct 180
agcctcaga acactccgcg aaccggggt cctatctctt ctccagccca gcagcctggt 240
gtcgctagca ttaaggagga ggtctttgac cgtgctgcgc cgccctctgt tttcgcccaa 300
aaccccaagc ttatccagat gattcaaggt cgctctggct cctcgtggg ccaatcttcg 360
ggctacatcg agtcccttcc cgccctgtc cggcgacgtg tcgctggctc caagggtatc 420
cagaaggacc acttcaagct cgaggccgag ttccaggagg aggttcttca gcttgagaag 480
aagtacttcg ccaagttctc tcttttttac gagaagcgtt ccgcatcat caatggaaaag 540

tccgagccca	ctgaggacga	gatcaaggcc	ggcgaggagg	gcatgagcc	cgagactgag	600
gatgccccca	agtctgagac	aaagtcggat	gttcccgaca	atgtttccgg	tatccccgag	660
ttctggcttt	ctgccatgaa	aaaccagatc	tctctcgccg	agatga		706

<210> 828
 <211> 584
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

<400> 828						
tgggatctct	actacataac	ccccagtttg	ccaaacacna	tgctatgcaa	gaaatttctg	60
agggggagag	ccattacccc	aacgggaacga	tgatgttgag	gatatcattc	gcaggaaggc	120
tctgggatga	gaagcgcatg	caagagcaaa	agcaattcta	tgaaatcgcg	aggaacgagc	180
tgccgaactt	gacgagtaca	tggaacagtt	ccgcgcgcac	atcgtggagc	gcaacgggac	240
ttactatgct	gttccaggaa	ataaaggaaa	aggagaccat	tcaggatctt	agcatccagt	300
atcgaaagtt	tgccgagtgg	cttcgtatcg	agattggccg	cgtcatctat	catcttttcc	360
ttggcgaaag	acaactcccc	tgagcttttc	gcccaggcca	gacgcattca	ctctcttate	420
ccatactcag	tcatacaagaa	cttattanga	tcgcaaacca	gcngccgtta	tgtcaggcgt	480
tctcgatata	tttctggctc	accatttggt	acacgatcgt	tgatgcagaa	gatcttttnc	540
tgacactgaa	cgatggaatc	nagactccca	aaatcgatcg	atnt		584

<210> 829
 <211> 572
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

<400> 829						
gcctgcagtg	gacaagtggg	ggattaaggg	tctgcagacg	ttaatgcata	actaccccca	60
ctaccacgcc	atggttgctg	gcatggaccc	ttcttcggtg	ggacttgaca	taagttctcc	120
agagttggtt	tctacacaaa	actactcgct	ttttgacgac	tcacctcccc	gggtaccact	180
tgctaattgg	aaatttctgat	tgccggactg	ttacaatgtg	acaaatgtgc	agccaatcga	240
gagcaaaaatt	gctagcttca	acgaagagac	tctatttttg	atctttttaca	gttgtagagc	300
ggatgtaaag	cagcaaatgg	ccgcggctga	gctacattcg	agaaactgga	gatggcacag	360
aaaaatggaa	atctggctga	ccaaagatga	gcatatgact	cctcaaatac	tgagccccaa	420
ccacgancga	agtttctaca	tagtctggga	ccaaacaatt	ggcgaaaaga	tcgcaaggan	480
ttcacactgc	actatggcga	cctagataca	cattgaacca	ggcgcaagtc	ggaacatgaa	540
nggggtgtgt	gccctgcctg	ganacaatth	tc			572

<210> 830
 <211> 737
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 830						
ngcntttaac	cnthagatgc	ananaactggg	ctataccaaa	gcctctgggt	tgccacctgc	60

acatacccg	gtnggctctg	attcctgtca	atgtaanggc	ttcagtgaat	nggccgctgc	120
aagtatntgc	tcccttgtga	accctgaatn	gccactggca	gcacgatnc	tgcccggaat	180
tgctactggt	gggtgtggag	gatttcacan	aatttactgc	gttcagtttg	atgtggt	237

<210> 831
 <211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 831						
caatattctc	acaagtaacg	gtatcgcggt	ctcataccca	tggacaaggc	catcgaggct	60
gtcggcgagg	agagagcccg	aaatgcgtgc	atgcatatgg	gacctgatgg	ccatatattg	120
acattccaag	tcaaccatgg	cgagaagttg	aacattgtcg	ccttccggac	agacccaaac	180
gagtgggaca	accccagcaa	gatgaccaag	actgctcatc	gccaagatgc	tcttgatgac	240
tttaagggct	ataacagcct	tgtgcgaaat	ctcctcgcac	ttacagagga	gacgctaagc	300
atthggggcca	tctttgacac	tggtgataat	cccgtcccta	cattctacaa	aggcaggatg	360
gccatcctcg	gtgacgctgc	ccacgcctca	agtcgccatc	atggcgctgg	agcanggttc	420
tgcatagaag	acagcgaggt	catggcgagan	ctattggccg	atgaaaaagt	gcagaaccgc	480
tctgacctan	aagcggtggt	tgcagccttt	gacgcctcca	gaaaggagag	gacacaatgg	540
ctgggtgcaga	atanccgatt	cgttgganatt	gcttacgaat	tggcga		586

<210> 832
 <211> 560
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 832						
cctaccctta	ttgtccctcc	catccctgag	aagcacacca	tggctgatta	tgctgccaac	60
ccaaccaatg	cgaagcaaga	tcaacagatc	attgatttgc	gtaagcgcat	gttggccgtg	120
tttttgaacc	qttgtcgccg	gatggaagag	attcgaacag	atggagtctg	gtggcgattc	180
cttgaccoga	atgccagctg	gagcgagylc	ctccactctc	atcccgtggc	ctcaatcccc	240
aaatcaatct	tgaaggcgcc	tccactgaac	cctgcgaacc	caactcctgc	gcataattac	300
ttaccocatcc	cggctgcgtc	ggcaaagtgt	aagacagtgg	ccggtaccaa	tcattgacaac	360
agctcaggte	atatccaagc	aggaccccat	gcctttgggt	cgatttccac	ctgaaggaca	420
taatctcggc	gaacaggagc	tgcaccttac	ttcatatctt	acgaatcctc	gantaaggat	480
cttgacaact	tttgaccgga	ccatgggaaa	agggngatcg	acgaacctta	acctttttca	540
tantagcanc	catctttgna					560

<210> 833
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 833						
tgcctttcta	aaagctctta	tgatgattcc	gaaaagagtt	ggaagaagtg	gtgccacaaa	60

agagccattg	agaagaagg	caaatggtat	cggacaatca	cagtcattct	agtactgcac	120
ttgattgttc	ttgtttcaga	gttcgcccac	gagccgtggt	ggtggacgag	ataccgtgac	180
tttgttttct	tcgccttcat	tgtggcctat	actatcaaca	tcgcgattcg	catcattggt	240
ctaggtctgg	tacgatttag	acgaagctca	tgggacctct	actctctttt	cattgtcttt	300
ggcgcttttg	tttcgacctt	tgccctcttg	atttcggata	ccgacctggg	aagcatacgt	360
tcagcttcac	aagggtttct	tagtagccat	tgtgctggtg	cttattcccc	ggaacgacgc	420
gctagatcaa	cttttcaaga	ctgcccgcagc	cagtctgacg	gtaattggca	acttgcttgc	480
gacctggctg	ggtattcttt	cttgtttttg	ccattgcaat	gacccaagct	ttcagcttga	540
cacggttttg	gagangagac	agatggaaat	attnatttca	gaaccttcc		590

<210> 834
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 834						
gccatttgca	ttttcttgtt	gcgcattcca	accatgactg	ccgtcgcaga	ctttttcgag	60
aaacgtaccg	cagcctctgc	aatgggggtct	tgtctggtgt	ggtgctctct	tcctgggctc	120
caagatcctg	agctatctct	aacttgctct	cagcgctttc	gtgctcggag	gtaccaacct	180
acgcaagtac	ggaaagcctg	gcacttgggc	tgttatcacc	ggtgcctctg	atggcctcgg	240
caaagantat	gctctgcagc	tcgctgccaa	gggcttcaac	ctggctcctg	tttcccgaac	300
tctgtccaag	ctagaaggcc	tcgcccgcga	gattcaacag	aagtaccctg	gaaaagcctt	360
caagtcaagg	tcctcgacat	ggacttttcc	aagaacaacg	atgccgatta	cganccgctg	420
ancgaactta	tctacgggtct	tgattcggta	tcctcatcaa	caactcggcc	agaaccacag	480
cattcccggt	cctttcctcg	anacgacaag	aagacttcaa	acatcatcac	tatcaactgc	540
actggcactc	tcgantttac	tcnaccggtt	gctcctatta	taaagcaca		589

<210> 835
 <211> 533
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 835						
ccttggaatg	aanggcttgg	tggtccccc	cagcactcgt	tccttcaagc	tcaactgggc	60
ttttggaggt	ggcctggctg	accgacggga	tgatcgttgc	cctgagtaca	gcattttcgt	120
ggcgacctt	ggccctgaag	tcaacgagta	cgtcctggtt	tctctcttcc	aggctcgttt	180
cccttcgtgc	aagtctgcca	anatcatgac	cgatgctatg	agcggtcaga	gccgcggcta	240
cggttcgtgt	cgttctctcg	acnanaatga	ccagcagcgc	gctcttggtg	agatgcaggg	300
agtctactgt	ggtaaccgac	ccatgcnaat	ctctaccgct	ccccccaaga	accgtaccaa	360
ccacggtttc	ggtggctcag	gacaccanct	tggcagctct	atgalyccgg	catgcccagc	420
agcanatgtg	gaacagtggt	ggcatgcnag	gtttccctta	cggaagcttn	tacctgcta	480
cccagatgaa	cngtttcaat	gaacccca	aaccaccgac	tttgtcgggtg	ggt	533

<210> 836
 <211> 956
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(956)

<223> n = A,T,C or G

<400> 836

ggaatttttt	tttttttttt	ttttaacatc	ctcaagcgta	ccgttgcac	tcaacaatta	60
caagggctag	acgtgttca	tccatatttg	ttcgttgaac	ccaacccttc	tntgcaggag	120
aattactcta	cataacctgt	acgagtaaaa	aacaactacc	tattccgaga	gatctcctga	180
acctggaatt	tgaatttccg	aaactccctc	cttttacgca	gcaaattgct	ccagttttta	240
tccagagtcc	cacaaccggc	acctgttaag	atgctgcagg	gtgtggggat	tagaaaccat	300
gagatatgtc	cggtagagac	gttaattttac	ggccattgtc	ttgtttgtcg	aagctcaagg	360
gtggatttaa	ggcttaacct	cccgatggc	tcctttggca	tcggccttga	tgtcctcaac	420
gacaccgtgt	agcccttctt	cttctcggac	tcgtacttga	gaattcggga	gacttgaacg	480
acaccaacca	gtccgaggaa	gaagttgacg	gcagcaagga	ggtagtctct	gggcttgatg	540
atcaagcacc	agcgagtcca	gatgatacca	gtgcaggtaa	ggcgagggtt	ctgggtgaag	600
gagagcttct	cggcgggacg	agcgaaatcg	gagataccgg	caaggacaaq	agccacttcc	660
atgaraggag	cccagaagtg	cacagtcttg	aagccaatct	cgtctctata	catgcgcttg	720
uaccagccct	gctgctgctg	ttgggcgcca	tcgggtgctct	gccatcgacg	gccgctgccc	780
tggtagaagt	tctgtcggaa	ggctgctgctg	cggaaagcct	ggcgagcagg	ctgagcaatg	840
gtggcctggc	ggaagagagg	gcgcgagggc	cggaaagagag	tgtttgcgga	cgaggccatg	900
gttgatcttt	tggtggagag	gagatgcttc	ttcggacggg	acgagttgta	taggta	956

<210> 837

<211> 626

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 837

ccgaacgtcc	cttgttgctc	acccatccaa	cgattctctt	acaaaaaatt	ccgttcgaaa	60
aaaataaggg	gtcctaatac	tcgttaacga	cacttctctc	accgaaccga	atccccaaat	120
atctccattg	tactctcct	gaactcaatc	cactctcctc	cccacggct	tgacttagct	180
tgttcctgct	cttatcaccg	cgacgacgcc	ctctcgatcg	ctgtaaccgg	ctacatttcc	240
acccatatcc	aatcgacgac	aacgacatcc	cgacgcaata	cccagatctg	gggcccgtag	300
cagactccag	atccgacatt	atttccaatc	gctttcgaga	tcataagcaa	tctcgaagct	360
atataattga	ttcattatga	gcgcaaatcc	aagcaacggt	atccgcagga	agttgggtcat	420
tattgggtgat	gggtgcctgcg	gcaagaccag	tttgttgagc	gtattttacgc	taggggtactt	480
tectacacat	tatatctcta	cagtgggtga	gaactacgtg	acggattgca	aagtggaccg	540
caaggctgtc	cagctcgctc	ttttgggata	ctgcgggaca	nggaagacta	ccagcggatt	600
acgacccctt	gcatatttna	aaggnc				626

<210> 838

<211> 615

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 838

gagaggcgct	attctagcca	gcggtcgctg	aacacatcct	caaccctttt	acaaaaccca	60
tttcccaagg	taaccccgat	acctccgagt	ttatgtccat	cgaaaatctc	aagacctacg	120
accccttcgc	cgaagccgac	gaggacaccg	ganaaaccaa	gcagacgcag	aattacatcc	180
atatacgcat	tcagcagcgt	aatggacgta	agactttgac	cactgttcag	ggctcccca	240
agaagtttga	ccanaagaag	attcttaagg	tcataagaa	naaatttgcc	tgcaatggca	300

ccatcggttaa	cgactccgag	atgggagagg	tgatccagcg	cttnttgcac	caccaactgc	360
ctggctcctc	tcgccaaggt	catcaacgac	aagttcggtg	tcgttgaggg	tctcatgacc	420
accgtccact	cctacactgc	caccanaaan	accgtcgatg	gtccctcccc	aaagactggc	480
gaggtggccg	tggtgcttcc	caaaanatta	ttcccttcac	accggtgccc	caaggggtgc	540
ggnaagggtc	tncctgaact	taacggnaag	cttaccggnn	tgtttatgcg	tgctctaccg	600
ccaacntctt	cgttg					615

<210> 839
 <211> 558
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 839	
ctggaaaggg	agtgggttgtt cctgctgtag agcatgctct caaaggcggc tatcgtcaca 60
tcgatactgc	ccttatcttg cgcaacgaag aagcgattgg caagggtatc aaagcctcaa 120
gcgtatcacg	cgatgaaatc tgggtaaccg gtaaaactatg gaacacagat catcgctctg 180
agttagtacg	caaggctatc gaaacctcca tcgcgaatct cgacgttgag tatctggacc 240
tgtacctcat	ccactacct gtggcttggg ttcctgagac acgagaagta gataacaata 300
cttctcttat	cgacacatgg aaagctatgg aagatctcgt tcgcgctggg ctgacgcgtc 360
atattggctt	ctccaacttt gctccaaagg actcaagaat attttcaaat tgctagcatc 420
aacctctact	cacaattgaa ccatccttac tccagcaaca tccttggtga ttccagaaaa 480
aactcaatga	tcgcgcatgc ctccaaccca accgacttgg gatataccan ntctccacct 540
tctgacaccc	cgagaaaa 558

<210> 840
 <211> 758
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 840	
ggaggaacat	cactcctccc ctttcttgat aggtacttaa ccgcctcctc ttacatccga 60
acaacaagac	ctttgtccca tcgccagttt cctttccgct tttttcttca acaaaacgta 120
aaatttctgc	gctcatcaaa atggatcgca tcaaggagaa aatgaaccag cttegcctgg 180
aggccgaaga	ggccagctcc aagggtgagg agctccagac caagggtcaag gctctcgagc 240
aggagaacct	gtccaaggag caagagatca cctccctgca gcataagaac aacctcctcg 300
aggggtgagg	cgagaagctc gagaacaccg ttaaggactt caagaaggct gccgacgagg 360
gacagcagca	cggaaccccag aacgagaccc tccagcgaag gctgcagctc cttgaggagg 420
aggccgagga	cgccgacaaag actcttctgt aggccaaaga gaagcttcga cagaccgatg 480
tcaaggctgg	acacttttgg cgcaagggtc aaagctctta gagtgagngt gaccagtggg 540
agtcacagta	cgaaagagat tcgcagaggt acnaagctct tcagaaggag ttggaggagc 600
tcagncagga	gattggcaac atctaattga actccgacct ttatacactt gccccggatg 660
caggatgttt	attagcatgt ccttcacctt cantatactc gttcacctgc atnatncttt 720
gggttaaggg	atcttttgant nttggccaaa taaccaat 758

<210> 841
 <211> 513
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(513)
 <223> n = A,T,C or G

<400> 841
 gattagaactt ctttgcgacc agaaacacca caagtccttc tctcagacac cacataaatac 60
 ccaatccatt cgcaatggct cctcaggcaa agaagtcggg caaggcccag aagcagacca 120
 agaagtacat cattgatgct tctcagcctg ccagcgacaa gatcttcgat gtcgctgcct 180
 tcgagaagtt cctccaggac cgcatacaagg tcgagggccg caccaacaac cttggcgaca 240
 acgtcgttgt caagcagcag ggtgagggca agatcgagat cattgcccac aacgagcttt 300
 ctggctgtta cctcaagtac ctgaccaaga aagttttttt taagcagcag ctccgtgact 360
 ggcttcgcgt tgccttcaact ctcgcggggn tacgagctca agtcttnacg ttgttaccac 420
 gagntgacga gacgacagta acgaaacaaa tggatggntg cacggcnagg atgatnnga 480
 atgggaaacg gtncaanaaa tttaggcttg gca 513

<210> 842
 <211> 2198
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2198)
 <223> n = A,T,C or G

<400> 842
 ntcccctaga anccaaatna cnccccctta ttatnctnca tatcaagaca gctcactaca 60
 aadaattatg cgatccatac tcccagtcct aactccacca cccgaactat gcccttactc 120
 tgcgcacatc gccagtcgaag catccgcgca tgtcatccca ctgcttggtg acnatacata 180
 ccattgtctc cacttcagca caccacntc caaaaaacac catcctcaac gactgagaac 240
 aacatggtea cgtttgcgat caacgaacct tctcgaatgg gaacgggacc cgcaacctgt 300
 gatattccct ggagagtcaa gtaccgacct tgacgtgat gggtctgga cgggatgccc 360
 gtgntgaact ggatcagaac atgaatatnt tctatacggg atataacntg tttnggaacg 420
 gccaaacaa aatctttcac accaaggctt ctgaccgtca tggatcaagg ttcgactcga 480
 catcaaaagg aatcactatt ctgcgcaatg ggctggacaa gtttgagcgt atcgattttc 540
 gcgatccgtt tgtctttttc aaccgcgcgc aaggagata ttggatgctt gtcggcactc 600
 gccctgccaa tggcccgtat tggagtcggg ggtgcacgc cctgttgact tcaccogac 660
 ttgaggcttg gacagtgtca ccggagcctt tgtatgcccc caacgacgtc ttctgccccg 720
 aatgtccaga gttgttcaca atgccaaatg ggaagtggta cctggatatat tcacgcttcc 780
 accgacccaa tgcaggaaca gtgtatcgca tggccnacac tccatatggg ccgttttcgc 840
 tcccacgna tgggtctcat ggacgttgg acggacgcgc ttggtatgca gccaaatcat 900
 gcccaaaagg tggagacctt gacaagagga tctgcttttg ctggattggg gactatgcgg 960
 accacnaaaa caaagtgggt ttggggaggt gatctggca tcacccaaaat catgtgggca 1020
 aaaaacaaag cctgtttttg gcattgacgc ctctcaaaaag tttcgaaatt atatatggcg 1080
 aacttctaga cctgtgtcgc ccggtgatgc tgcctccaaa ttgtatcttt gttctctcgg 1140
 gacganagcg acncattntt cccaantngg ggctgcggag tgggaaganan attttcatgg 1200
 ccaaggacat ttgaaataga agccatagct caatcgcccc tcccttagat cataaacatt 1260
 tggncggccn ttaaccctgt aaaattcnta ataaaaacaa ggcattnttc ttgtgccatc 1320
 aacaacacgg ccagagaccg gatacaaaaa gatggaactc ctggccagaa tctcaaacac 1380
 ggcactgggt tggggactaa ccgaatcag atttcacctt ctggcagcga cgttgggtt 1440
 tcatatcgga gacttctttc taggaagact ctctctctct ctggctggcg ttgtaagcct 1500
 gcttctcctc ctggttctgc ttcttatcgg cggcagcctt ggctcctaaa ggagcaagct 1560
 gcttctcgtt gagggtcttc catcgctcac agaggagctt gccgacctga ccgaaagaga 1620
 taaccagggt ctctcaccgg acgttctcac gctgctcgtt ggcaagaac atgtaggctg 1680
 agagaccacg cttggggggg ttgggggtct ttttgggacg cttgggtggt ctggtagaac 1740
 gcttctcgtt aggcagcagg cttaggcatt ttgaggggtt tctgagggat ggttttgaga 1800
 aatagagatt ggtgggtgtt atgtagtcaa agacttatcg aggcgtgttg agtataggta 1860
 gagagggagc aatttgggtg naagaattgt atggnagaaa agagagttag agggaatgta 1920
 tggggagggg caaggagac tttttactat gggggagtga ttgtgcgtgg ggaggggaca 1980
 cggcctgccc agctaccaga cttggactgt tatgcaatng gctgggctgg taggcaggag 2040

tgagcttgcc	ccccctccct	ttttttttctc	tctctcctcc	ttacccttcc	cttctctctc	2100
taagaaaatt	gggtgcgggt	gcggtgcgta	ttgctctgcg	gtgcgtgtgc	ttggagctgc	2160
acttgcacta	gtacagtcgc	agcagtcctg	ggtttgag			2198

<210> 843
 <211> 569
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(569)
 <223> n = A,T,C or G

<400> 843						
gtgggggtaca	tcccttgatg	gcagcgagggc	gttaatgacc	tctctgagaa	ggagatcnac	60
cacatccact	acgcagccct	qtaccctctg	gctgggttgg	ttttgcacta	ccttccctttt	120
gttatcatgg	ctcggtgttac	ttacgtgcac	cactactacc	ctgctcttta	cttcgccatc	180
ctcaactttg	gtttcccttat	tgattgggtc	acacgcaacc	gcaacaacac	catcaagtcc	240
attgttttac	gcgtccctgta	cactgtttatc	attggcctct	acatctactt	tatccctatt	300
tgtctggggta	tgactggccc	ccacaaaagag	tacaagtaca	tgaagtgggt	cgacaactgg	360
cgagtcaccc	attaagggat	gtatcatttc	tgttgatttg	agcaatcgct	ttttctcgat	420
cgcataattgc	atgtgatcta	gacagatgcc	ttatggacca	ccatgcaggc	ctggtttgtat	480
tattcagttt	cggaatggt	tgcaaggata	tagaattggg	gggtcatgga	aaggatactc	540
gcangggccg	gtttggcaaa	gcgaaagca				569

<210> 844
 <211> 548
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 844						
ctgtatttcag	atggcataca	taagtaacta	caaactattc	acagtctggc	taacaataat	60
attcaacgct	tccacacaaa	ctcccgccca	aatgcagatg	caagtttaan	aaaagtcgaa	120
acggtcagga	aggacaacag	gggccaccag	tgtccatata	tacatgccgt	agcagaccca	180
aggactaaca	atcttgaccc	agcttgctgc	gtaagtaccc	ccgacagttg	caaagtcgcc	240
gtcccttggtg	gactcatcga	agttcatggt	gagcaaggta	nctaccaggg	cagttgctag	300
gaanaagatg	atgtgggaaga	cagtataact	glactgggtc	ctgtttcgct	cgctcatctcc	360
tgccgggggta	tcgccagctt	cactctcgtc	gtcggacaac	aaaacatngg	gaggcaaaact	420
ttcctctnga	cagctcggcg	caaaacctcn	gttttatatt	acggggagca	ctangctggt	480
gagttacaaa	naccatgttc	gtcgtcctcg	ggcagctgaa	taccctaga	gttgccgana	540
acaaaaat						548

<210> 845
 <211> 605
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 845						
caagactttct	cctcgcacaa	tatacaaton	ccactctttg	tatatctcct	ccggccacgt	60

ccaaaatgtc	cgccttcate	cgtgtcgctc	gcggcgctcg	cgtgtctccc	atccgacctg	120
ccatgcagcc	ccttgtggcc	cgtcgggccc	tcgcccgtt	caccacttca	atgccccgac	180
gaagcgagca	tgctgaagag	accttcgagg	aattctccgc	taggttcgag	aaggagttcg	240
acggtgttca	ggatgttttc	gagcttcagc	gcaacctcaa	caacgccttc	gcttatgata	300
ttgtccctgc	tcctcgggtg	attgctgccg	ccctcaaggc	cgcccgaagg	gtcaacgact	360
tcgggtactgc	cgtccgcata	ttcgaaggta	tcaagaccaa	ggtcganaac	aaggggccagt	420
acgagcagta	cntcggagac	tcaacccctc	cgagaaaact	tggcgtgcct	ctgaagggaag	480
actttaccct	gaagaaaaat	taatgggtgcc	atatctccat	attttgacct	tgtgtttact	540
ggatgttngc	cganacgaaa	ggaatccgac	ccaaagttna	cccgaatttt	gattgcggca	600
cccca						605

<210> 846

<211> 831

<212> DNA

<213> *Fusarium venenatum*

<120>

<121> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 846

taaggctcgg	tctgttcatg	tttcttttggg	ttaactcaac	ctgcacgggt	gagccctgtc	60
gctcatatcc	ttgccccacg	actctaacag	acaaaacgct	gcataatcaga	ttctcacagg	120
ctagaattga	aaggatttcc	ggccatttcta	gggaggtggg	tggccatcct	tgtttccacc	180
ttatggggac	ccggatgtta	cgataaacat	gtcatggcct	gtcagcagac	ctgtataaat	240
accctcaaac	acctcctgca	tcttagctcc	tcagcctct	cagcctcctc	tagactacaa	300
caaccactct	gagccgacaa	tcctcaaaga	tcacatcctt	tcaattaaac	actcttcaag	360
atgatgttca	agtccaccac	cgcggccatg	ctctnttttg	gagctgccac	tgccactccc	420
atntttggcc	gtgcccaggc	cagccagacc	aaatcggcct	ctcaatcttc	caagacaggt	480
gagagcagcg	cttatgactg	gtcagagggc	tggaccaagg	actaccccat	ccaccagtc	540
tgtaacgcga	cgtccgcctg	cagttgtcca	acgctttgga	tganaccgtc	cancttgcca	600
gcatgccaaag	gaccacattn	ttcgacatgg	acacangtgg	gagtttttta	ccaaatactt	660
tggcaatgct	tctacttctc	agcctattgg	atgggtacgac	cgtgttggca	acgccgacaa	720
gactggcgta	ctcttccgtt	gcgatgaccc	cgacaagaac	tgtgctacac	aagacgcttg	780
ggctggacac	tggcgagggtg	acaatgccc	tncgaaacag	tnatctgccc	t	831

<210> 847

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<120>

<121> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 847

ctcgttaactt	aaagcccaact	tccatcttcc	ctttatcccc	aagaactact	ttgactttac	60
tttaactttac	taagactctc	gtctatata	ctgactccgg	aaagcccaaa	atattctata	120
aaagccctctc	cctcataactt	taccgctcta	ctcgtcgaat	acgtccatcg	cgccagctcc	180
gatactttgg	atacccttca	taaccggaca	tgggaaccca	gtcccaaccc	ccatcatgag	240
tagcctctgc	cgcanaatag	agacagatgt	catgaagatg	ctcatgagcg	actacgaagt	300
cacactttgtg	aatgacaata	tgcaagagtt	ctatgttagg	ttcaaaggac	ctgaanaaac	360
tctatctgaa	ggttgyaacat	ggaaggccat	gtcgagctgc	cggacacgta	cccttacaag	420
tctcaagrat	tggcttttgc	atcgcatctt	tcacccatac	attgatgagt	gtctttactt	480
aatcgacctt	ccagtagttg	gtctgctcgn	taaaaacttt	aggtctggct	tantgtgctt	540
ggatgtnatt	aaccaaacct	ggtccccatg	ttcganatga	ncaacatttt	ganggcttcc	600
tctttaactc	cttngatath					620

<210> 848
 <211> 469
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(469)
 <223> n = A,T,C or G

<400> 848
 atcgcttctgt ttcgttttctg cacgtctcca gtcgcgcacg aatcgcgaaa tacacatcac 60
 atcatgggca agcgcaaata ttcaagcaag cctatggggc ccaagaagaa agatcccctt 120
 cccactactt tgcgatgect cttctgtaac catgaaaact cagtctcggt caagctcgat 180
 aagaaagctg gtgtcggtca actagactgc cgtgtttgcg gtcaaaaatt ccagtgcgca 240
 gtaactata tctcgtctgc agttgatgct tatqgtgaat gggttgacgc ggccgatgct 300
 gtgcgcaagg aagacaacgc ggagcctgct atgggtggac atctcgagga ggatctggac 360
 gangcaaccc gaacngcggc cgaagangac tacgacgacc aatcngagat gatgattatt 420
 aaacgttttt ttacgcccac gtacaatacc aagattgcta cgtcctttg 469

<210> 849
 <211> 830
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 849
 attggacgct aagtcagcta tttcacacca acccctccaa cgtctttttt tacaactctg 60
 cctaccttct tctatcctc actcaacttt tcgacatctg cttattgtat tgatacatta 120
 ttatcaacaa tgtctgctca agataaggcc caacaatacc ttggtcagct cgaccgtgag 180
 ctctccaagt accccgacct caacaacctt gagaagcagg ctgggtgttc caaggcctac 240
 gcgctcattg gtgtcggagc tctttacttc tctctcatca tcttcaacct cggcggctag 300
 cttctcacca actttgctgg tttcgtcatt ccagctact actcgtggg tgctcttttc 360
 accacaaca aggaggatga tactcagtgg ttgacttatt gggtcgtttt cgtctctttt 420
 accgttattg agagcttctg ccaangtcgt ctactggttc cccttttact tctgttccaa 480
 gtctcatctt ctcctctggc tctctctccc tgcttccgg ggtgctgagc tcattttccg 540
 atctttctct gtccttacct tcggccgata cttccagcaa gtccggctct accgctnna 600
 gtctcgtgac caaggctgac ggctctnaca agaccganta aatggcaccg ctgtgtanct 660
 tggtocttaa tcaaatctcg cgtatactgc gtgaccgga ccaagtnctt tccgntatac 720
 atgaacggaa aantgntgcc ttttgggaat ggagtagctt tcaaaataat gctgctcgat 780
 ttggagggtga accgatgana aggatcaaca tcaggattgg gaagtatcca 830

<210> 850
 <211> 528
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 850
 atgtcttcat gccgaaacct ttactggtat tcgacaagat tccgggtgac ctgctgagta 60
 caccaagtgg atgcgagagt ttacgacaa gcagggtatc acagacaaga aggtcatcgt 120
 cttctctgac tctctcaaca tcgaaagatg cttggagtag aagaagagtg ccgacgacct 180

tggtttccaa	cccacattcg	gtgttggaac	ataccttacc	aacgacttta	caaacaccaa	240
gactggcaag	aagtcagtac	ctttgaacat	tgntatcaag	atcaagctcg	ggcggcggcc	300
cgccactgnt	aagaatagtg	acacgctgga	aagaacactg	gtgataagga	gaccgttgag	360
atgggtcaaga	aagaacttgg	atatgttgan	cgtgagtgga	aggaggccac	naaacctngc	420
gatggggcaa	ggcgtaagg	aaaacaaatn	gacccagatc	caaggcgttt	ccgctacact	480
gagtatttca	ggatctntca	tcgctgacca	tagaattaag	ttaccacg		528

<210> 851
 <211> 390
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 851	
gtcctcagct	gggacctttt cgatgagatc aaggcccaca ccaaactccc catcatccta 60
anggggtatta	ccaccaccga ggatgccctc cgcgctgttg aggctggagc anatgggtatc 120
tggtctctcta	accatggcgg tcgccaagtc gactactccc catctcctct tgagatcgcc 180
tacaaaattc	gtcgtaatgc ccctgaaatc ttcaccaaga ctgagggtcat cgccgacagt 240
ggcatccgct	atggtagcga tgtcatcaag ctggttgctc ttggtgtcaa ggctgttggc 300
cttggaagtc	ctttcatgta ctccaatgtt acggcgttga aggcccaaga anctcatcag 360
atctcaagag	tgaaatcctt gccgatgctg 390

<210> 852
 <211> 444
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(444)
 <223> n = A,T,C or G

<400> 852	
cctacatccg	ccatcaaaac catacaacgc cgaaaacaat ctcttgatat tgacttatcc 60
ctcatctcgc	gacccatctt ccccgacatc gataccaata ccgacaccga caccgactcg 120
actttctccg	ctccgcttcc ccccgctnt cttaccgtag ttgcgcgcat ccgcccgcga 180
atagagcttc	gtactctcg accgcttgca ttctgctttg acagagncaa gctcctgcac 240
aggagccttt	gagaggaaca atggcggntg tcgctactat caagtgcgtc gtcgttggtg 300
atgggtgctgt	lygaaanaact tgtcttctca tcagctatac aacaaacaaa ttcccatccg 360
aatatgtccc	gactgtcttc gacaattacg ctgtcactgt tatgatcggn gatgagccat 420
acactctcgg	actattcgat accg 444

<210> 853
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 853	
ctttcacgat	tctcactcat ctttgtacac tgtcctcgac agctccaacc atgtgtgtcaa 60
cctgtttgtc	gctaccgatc ttcccgagg caaccgtcgt ggttcaatca tcaagagcaa 120
ctcgaatggc	acaacctatg tcttgagtgc ttctaalgct aacgctgatg aactagggta 180

tgtagacttt	gagaagggtg	ctgggtcttga	gggtgtcact	ctcatcaaca	ccgttgcaaa	240
ccccgaagac	aagaaaggca	agaagacaat	tcagaccaag	atttctcaca	acgatggcgc	300
tgaatggacc	tttctggcac	cgccacaaaag	gatgtcgacn	gaaagtcgta	ttcantgcag	360
ctctctaggt	gatggcaaatt	gtgccttnaa	cttgnaccat	cccccgaccg	ganaacaagg	420
canaactttt	ntgnagcacc	gttggttgga	tganattgct	tacggaaaca	tcggttnagc	480
cttggagaca	ttanggtgcc	gatctttcat	ntcgcttncg	gnggtattac	ctgnaaaaat	540
gtaaaagggc	tttggaatgg	catatggana	cagggttt			578

<210> 854

<211> 573

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 854

aatcattgtg	gagggctaca	aggagtttga	cacaggacgt	gaatacatgt	gcaggatggg	60
cgactggcgt	gaaaacaagg	atggtgaact	tcagcttgat	ggtattggcg	gcgtcaacat	120
cctcgtaag	gcagacgtgc	atcgatcagg	catcaacttc	ccaccctacg	ctttcgagaa	180
ccaggcggag	acaganggtt	ttgccaaaat	ggccaaacga	gccggctacc	aagtcattgg	240
ccttcccaac	tacatcgttt	ggcactacga	tacacaagaa	aanggcggta	acctatgaan	300
gctgcgggct	taaagcttgg	tttctganct	ggcttattac	gaaacaacct	cagcttgccc	360
tgtctttctg	ggactacttc	aactatatac	gcagacccat	gacgttacnc	cngttgatgt	420
ttccaacatt	cntggaagtg	ctttgatgcc	agctctcact	ttgagcactg	ttcacaacaa	480
agcaacacca	tcttccatgc	tgttatcaan	ttgcgctcga	ttccgtcccn	atctattaca	540
tttctactac	aatctgcgtt	gacctattgg	gat			573

<210> 855

<211> 521

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(521)

<223> n = A,T,C or G

<400> 855

cagtgtcgca	tggggtgtag	gaggtcttgc	gcgcaaacct	ttggaaggcg	ccgaaacaga	60
gggtgtctctg	gggattcttc	aagggtgtcc	ggtaagggct	ttattggact	ggctaccaag	120
cctgcgcgtcg	gagtactaaa	aatggccaac	aatgtaagtg	agggtattcc	gcaaatataa	180
caaccggggt	tgaccaaaaat	ggattggatc	gcacacgata	cccacgatac	atcccacaag	240
atggcattgt	gcgcccgtac	aacccccggg	aagctctcgg	ccaatattgg	cttaagcaag	300
tggacaacgg	aagatacttt	gacgaacaat	acattggaca	tttggagcta	ccaaaggaag	360
atatggtcgt	tatgatcact	tatgctcgta	tcttgcttat	ccgatcacna	ctcttaccag	420
cgaattggac	gtgpcactga	aggacntcca	nactattact	aaadaaaaaa	ctggcctnagt	480
ttgtccctta	aaagaaqaac	aatggacttt	tatcccgatt	g		521

<210> 856

<211> 347

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

```

<400> 856
ctggaggatc tggtcgccgg catgaataag cttgccaaag ctcgcaatgg ccctttactg      60
gaatacgacg atgtcaagga agtcgtcgaa gcgagagaca gtcaaattga caaccctac      120
gccaaagacg cccaggccat gtcacatcac aacgcgagga catactggcc cgatcgctcg      180
agccgtgttg caccgccaca tcgccttctg gacaaggctc acggaccggt gatagctgtg      240
canatgaacc ttcttacacn aaagacgctc ggtggtatcg agacaaactt ggatagtaac      300
gttatgaggg ccgatggnac cccattccct gggctgtatg ctgctgg      347

```

```

<210> 857
<211> 587
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1) ... (587)
<223> n = A,T,C or G

```

```

<400> 857
ctctttcaga cggagtcgtc gtcggcagcc agatcatcac tacaattaaa aatgccgagc      60
ctggtcaagc cctttccgat atcgagaaan tactgtgcct acctgtcagg ccgtgactct      120
ggagattcaa aactagaga anttggcctt gttgaggccg ttgctggagc tagggagccc      180
agtggtgaca atgttactgt cagcgatact attacagatg cagatatcac tgccgaggan      240
gacagtgcct tgggtggccc gcttgcctgc ctccatggca agatccctga gcgattcggc      300
gagttcngtg gtcaatatgt tcccgagagt ctgatggact gcttgcacca gcttgaagaa      360
gcttcaacgc gatcaaggac naccctcatt ctgggaagaa taccgatctt actacgaata      420
catgggacaa cgggccatct gcatttggct gancgaccac tgaacatgct ggaagtgcaa      480
catctggttg aagcccaana ttgaaccccc tggcgtcnca aaatacatgc tctgggacac      540
tctcttgccg ccgacttgga aganccaate atgccaanac ggtctga      587

```

```

<210> 858
<211> 534
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1) ... (534)
<223> n = A,T,C or G

```

```

<400> 858
agatggagca aatacctctc aactctgaag ctltntgtgg tgatactcac aagcagacaa      60
catcgacact gcccccgat gtcgntcaat gtcttgataa tgctcgcttt ctccacttgg      120
caacatgcac agataacatg ccccatgttt cccttatgaa ctatacatc ctcccatctt      180
cgctttatct caactaccca gtcacatca tgacaacaaa cccgnttnt aaaaagacat      240
ccaacctggt gactaacccc aacgtatcgn tgcttgccat gattgggtct cccaccgacc      300
gocgactacg gncgcgcacc gtnaggcggt tttctggccc gancaccgtc gagtcttggc      360
tactctttta aatatnacct gcancctntt atatcancec acataaagaa accgtcgttg      420
gngctagggg ctgaaagyan aatttntgng agcagatttg anacacnll tgacaatnta      480
cctcgatent tcacggaaac ggcttgtgaa gatgaagccg cggttnttct actg      534

```

```

<210> 859
<211> 571
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1) ... (571)

```

<223> n = A,T,C or G

<400> 859

gtactttg	gccaaggtac	ttttcgacat	tattcctctt	cggtatcatc	ccccgatcct	60
catgggctcc	atcatatata	ccatgacagg	actggtagcc	gactcgacgc	atttcttcaa	120
cttcacctc	gtgctagtat	tgttcaatat	ggctgcagcc	gctgtgtgcc	tattcatcgg	180
cattgtttgt	aaggatggca	gcgtggcaaa	cctgattggc	agtctcgtaa	tgctcttcag	240
tcttcttttt	gccggtttcc	tgctcaatca	caaggctact	ccaaagggcg	cgctctggct	300
cccagaccta	tccatattcc	actacggctt	tgaaatcact	tattgtgaaa	gaagttcntc	360
atcttactcc	tgtgtgaaag	caagttacgc	ctcgaaatta	ctgtccccng	cgcaacaatc	420
ccttanctcc	ttttggaatc	aacaatgaac	ccatgttggc	ccgacattta	aaaacctgga	480
aatatcgccg	ccatattcac	ctcctgttct	ttaagcngcc	aagcacatcc	gcttgtttga	540
aaaanaaaaa	aaattcaatt	gaatttgaac	a			571

<210> 860

<211> 572

<212> DNA

<213> Fusarium venenatum

<400> 860

gtgcctcttt	ctcttgctgc	aaatcttttg	gacgtatccg	acgaacctgc	gcattcacga	60
aaccccgta	aatgattat	tcctatccgt	tgtttctcct	gtggaaaagg	cactggagac	120
ctttgggagc	gctaccttca	actgatcgca	gatccccgca	agactgatgg	cgacgctatg	180
gacgagctcg	gtcttaagcg	atactgctgc	cgccgtatga	tcctgaccca	cgctgacctt	240
atcgagaagc	ttctcaagta	cactcccgac	ggacgaaaacg	agaagaacag	caattgagcc	300
agaacgtata	gaggaggtcc	tcgtgaatga	gtagcaacgg	gttagttgtg	catggtttgg	360
cgtttgggaa	atgttaccga	aatatgtcat	tttgacggcc	agggaaaagca	atgaattcat	420
caggggtgtca	gtatcagagt	acaagagtct	tcataatcga	cagcaccttt	aaagacctcc	480
cgagactttg	aagactccac	caatgtttga	gcacccttgc	ttgcattaca	gcattcaatt	540
tgaacggaaa	ggaaaatctt	tgggtcaagg	at			572

<210> 861

<211> 578

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 861

caatgccatc	aagcttcgtg	ctgggtcttg	ttccgtcatg	catatttccg	cccttggtaa	60
caagctcttg	caagacagca	agctgaacaa	ccagcttctt	gccgatgagc	ctgaccgttg	120
tgccgctgtc	atcgggtctg	gtatcaacca	cctgcaactt	cttgccagta	ttgtataccc	180
ctacatgccc	tcgacttccg	atgccattct	tgagcagatt	ggtagccccg	gtcttgtttc	240
tatccccgaa	acatggactg	gcgatctcat	caagcccgg	caaaagattg	gcgagcccaa	300
gcttctcttt	acacagatcc	ctgcatccaa	gcttgacgaa	tggcgcgagg	ccttcgggtg	360
cgaagagatt	cgaaagcaga	aggccttgag	ctgaaaaggc	gcggccaaaa	aqctqccaaa	420
gaaagaaga	aqaaagaact	cctttgngcc	aagctgagaa	gcgggnaact	tcaaagacaa	480
agctgctgaa	aaaaaacctg	gagctacact	gttgactctc	ctaacatanc	cctgagnata	540
atatcaaact	gggcanatga	tcattnatgt	aaatggac			578

<210> 862

<211> 494

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(494)

<223> n = A,T,C or G

<400> 862

gctgctcgaa	ctaagcctga	tatgattcct	ncacacttgg	gcaaactaat	gccatatgtg	60
ttgcangagt	cagtgatcaa	naaggaactt	gtgagagaag	tcattgatgg	acctttcaag	120
cataccgttg	atgacggcct	tgagggttoga	aagagcgcat	atgagacctt	gtntgctcta	180
atggagactg	ctttcagtcg	cattaacaat	atcgactttt	atgaccgtgt	tgtggcaggt	240
ctcanggacg	acaatgatat	tcgtnagctt	tgtaacctca	tggtgaccaa	ctgattgcca	300
tcgaccccta	cgagaccaca	cgcgcactga	actcgattgc	agaggcttat	ngaactgttc	360
tgcagtcaag	ctgaaggata	acgctgtgaa	caagacgtaa	agaaacanga	agaggccaac	420
aagagcatnt	tgagagtga	actgttatgg	gcgaaaagat	naaggcccca	ctgggaaccc	480
tggtgctgta	ctaa					494

<210> 863

<211> 319

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 863

ctctcgtgac	cgcagcaaga	tccgcactct	caccaccgct	ttccgtctca	agcatgaggt	60
tcttggtgtg	tatctccgag	ctggcaacgt	gaacctgcct	cagtgggggt	tcaagcagat	120
cgagggttact	tgcacaaagg	agaacaaccc	tcgcgacacc	tacacccact	ggaatgttga	180
ggtcacttgg	aacgacaagc	ttctctctgc	cgaggctggt	gtttacaagt	ctcctttctt	240
caagactttg	tccatttgaa	cgttgctatg	atgacttcaa	acaacgctct	ggttcccgat	300
notgacaagc	aagaagatc					319

<210> 864

<211> 600

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 864

cgacggatct	gtgtaatact	ttctttctct	ttatgccagg	ttcttctctc	ttttgaatcg	60
ttcttatttg	ctggattatc	ctcatctcga	gagtcctcca	cattcattat	aaacaaccac	120
ttggcggaact	ctcgatatat	ttgataaata	tcttgttctt	gtttcaactt	gatcttgaga	180
ctcttcacgt	acaacaagaa	cttccccaac	caacataact	aataccgtcg	agctacaact	240
cgacacccac	tcttttggaac	acaaaaaagg	aatcgaacac	cacacaccat	ccttaggcgg	300
acagccagtc	ccagcaaaact	atacaccaat	accaattaat	aactaaactc	accacgcgag	360
ccacttttaa	agaaatggga	ttccacaatg	atgccccagg	ccatlygcca	aggtcccttc	420
ttcttctaaa	acacagagtc	caagcatgac	gtccgacaac	actaccctca	acaacagatg	480
ttcatgtatc	ccatgggtcc	taagttgcct	tnaactcccg	tctactcgcg	accagctctt	540
gncagtaact	ctcagcctcc	actctgtaca	gcaatggcct	gncgcatgat	tccactgggt	600

<210> 865

<211> 939

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(939)
 <223> n = A,T,C or G

```
<400> 865
tattgctgtc tccggtctca tcttcttctgc cgaccataga gtaggtagtg gaagaggtaa      60
ctcggatgca ccaagcagag cagtaagaaa tgaagatagc agcaagacca gagtagataa      120
tgccgatcat catgcggtta cgggtatctt caggggaagtt cttggccaag ttggcgctgg      180
accagtcttc agtgacgagc gagcagaaga cgaggacggg aatggtgagc aagttgttgt      240
agtacatagt gtcccaatcc ttgaagttca tcttgtgata tgatgtgaca ttagaccaag      300
ccagaagccc ccttttttgc tcattctccc attgcacoga ttgccttggc ttgcaccgtt      360
cagttacagt tgcacaccct tccttctttt ttccaatct tctattttat ccctatccac      420
tagacttggc atctccacgc tggccttctg ccaattganc ggatcgattt aatttggaga      480
ccacatcaca accnggctct catttcttgt cgtgtcttgt cctgtcccgt gcacgctta      540
tctcttcttc ttcttgaatt cggcactttt cttatcgccg ttgaatcaa atctgaacga      600
ctccttgcgg ttggccact cttttacaag aactcacccg ttggcgatcg acgtcttgac      660
acaaccattg ggcgaccaga ataagaagaa cgacgacttc gttggccaag atgcccgaag      720
tcgccaacga gaacaacatt ggggtgatgg cgagaaggag aacgactctc ttgttggctc      780
tgggcctggc actgacgccc tccttgggca gcctgggaag gtttacgggc cagaatggga      840
acagcggccc tttctctatc cttggctact gtgtttcttc tatttccatg aatgttgta      900
acaagatttt ttgtttctgg gcacttcatg gaacctgct      939
```

<210> 866
 <211> 553
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

```
<400> 866
tttttttttt tttttttaat aacaatgttg aatgttaata ttgggtatct annaaataac      60
gctgtnaaaa ctcaaattca tctccagtc taattaaggg gaacacgacg gaagcggng      120
gattcccatc catcaatctc atnaatatga gtctcgnaa caagcttgta nccaccaatn      180
ttgggaagga tgatagccca nacaagccaa tagacagcac cagcggcaan aatagntata      240
ccgacnacac agtggatgta gtaaggcatg ctcttgact ggttctggct agggtcacgc      300
ggagcgatga aaggagcaat tacgaggtag atgttgntga aaaagaaaaa aacggtgaca      360
ggcanagtgg ccttgatggg agccgttcca gttgtncctc tcgcgngnga ggtagaggng      420
gaccaaacc caccacaaa agtgtttaca atggccaaag ggtangaaat gangttaaag      480
atnaaattgt aggcaccccc ngganggagg agcaaggatg accatnacc caatgatncc      540
agtgcctngaa aaa      553
```

<210> 867
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

```
<400> 867
gttgtgtttt ttcaacttca ccatcatcca gtcagcaggt ctgcacgtga aacaagetto      60
cttcgaaaac gaaggtcaac tctacagcaa tgtccaaccg attcaactct ggctacggcc      120
tggttgggcc cgcgctctac ggcggtatccc aggttgctga tcttcagcag ggcgagggtc      180
ttctcgagca gattcgtccc tataccagca agattgagga tgcgctcgac accatcagcg      240
agcctgtcaa ggcctatctc cctgacattg ggcgttttct gatcgttgct acctctcttg      300
aggatgtctt ccttatcgtc aaccaatggg ccgaccagct gctttacctg aaagattacc      360
gtcacattcc ttctgggtatt acccactgtt tctgtcttgt caacatcctc gccatgttct      420
cttgcctcac cctggctcct atccgaaagc actccgacta cccgtcgccg gtctcatggg      480
cgttgctgtc acccaagctc ttggttacgg tctcatcttc gatcttaact tcttctccg      540
aaacctctct gtcattgggtg gcttggtcat ggtctgtccc aatcgtgggt g      591
```

<210> 868
 <211> 730
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 868
 aaatgaagga cttgtctacc agtcgcgagc aactcaaggc tgccaagcag tcaacacaaa 60
 cacgcgtctt gtcgctcaag tcaaaccgga catctgactt tgaagcgatc aagaggctga 120
 cactcacagc tntaaagaag gagantgagg aactcctcgc cacactccgc ggcaaatacat 180
 cttcccccct gattcctact tctgtctctg cagcaatgga gcgcgaaatc acagcagcna 240
 aggcggaaaac agcatcagcc gagaagcgca cccgtcgtct gaagggaagtc tgggggttcca 300
 agtctcaaga gtttaaagaa gccatntttt ccacgctcgg ttggaccgtg acattatccc 360
 caacggcaag atgcgagtcg aaagcacggt ctacccatcg cagacggacg agcatgagac 420
 tcgatttgtt ttgatggtga gcgcggcacg atgaaggctc gcggcggtcc acgaagtgat 480
 tcgcgagaag gataagcgat caaattggaa ttttgggtta nggaaaaggg gtgtattcct 540
 gggttcctgg ctgcgttgac gctggagttt tacgaggagc atagcaaaac cgnttcaagc 600
 caaggccgtn gggatgatga cttaatacc cttgtacatta ttggagtgnn gggttgcgtn 660
 catagagntc tgttgaagga ttccaanatt tctgggaatg taaatacata atggtnccct 720
 aaaaaaaaaa 730

<210> 869
 <211> 595
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 869
 aacagtcgaa acctcgctat ctcacaactt cgatcccgcac ccgaagcata gcgaaagccc 60
 ccccttttgc atacctacgg ttcttttgcgc ttattcacat caaaatgact ggtcgcggtg 120
 gtggcggtgg tcgcggtgtt ctgcgttcctc ccattaactt catcttcaag cttctccaat 180
 cacacgctac ggtcagtgtc tggctgtacg agcagctctc cattcgtatt gaaggcaaga 240
 tcagaggctt cgatgagttc atgaatctgg tcatcgacga tgccgtagag gttaagcaga 300
 ttaccaagac caacgatnag gagtccagga gacctctcgg tcaaatcctg ctgaagggag 360
 acaatgtgtc gctgatccag agcgcgcgcaa gctgaagaga tggtaacgaa accgatcgcg 420
 tggatttggg aaatagacgg acaatggagt ggagtggaa catgaagga taccctaaac 480
 cgcgcggggc aattnatggc ttacgaagca cttccaaggt tgtcacggcg ctacgtatct 540
 ctacaggtgca agaantccgt cncgcgcgcaa atgggtgtcg aaaagcgctg aggan 595

<210> 870
 <211> 619
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 870
 gatggctcgt cagtaacgta tegtccgcc tgatgcctct gaggcaggaga tccaggctgc 60

tgttgaggac	acaactggtg	gccagggtttt	cagccaagcc	atgatgcaga	gtgaccgcca	120
gggtcgcgct	cgtgcggccc	tgagcgctgt	ccaagatcgt	caccaggccc	ttcagaagat	180
tgagcagcag	atggtcgagc	tggcacagct	gttccaggac	atggacactc	tcgttgttca	240
gcaggaggct	gccgtcacac	agattgagca	gaagggtgag	gaggttgctg	agaacctcga	300
caagggtaac	gaggagattg	gtgtagctgt	caacactgcc	gcaagacacg	caagaagaag	360
tggtctgtcc	tgggtatctg	tgtggctatt	attatcggtg	ttgcattatc	gtcctcatct	420
acatcttttg	tattaaggga	cagaacaaca	acaacggcgg	taacaacaac	aagagacgag	480
ccatcgaggc	cgnctctgac	gctatcatgc	acacagctgt	catgccgctn	tagctcgtcg	540
cgttgcttgg	cggaacgaa	ggccgcctnt	cttataacag	cgtnngcgga	aagaattaca	600
tgcccagctc	ccgacaacn					619

<210> 871
 <211> 994
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(994)
 <223> n = A,T,C or G

<400> 871						
ggccgagctt	caccagatca	tgacttgtgg	tttcgccacc	atctctggat	ctacactcgt	60
cggatacatt	ggtcttggtc	tcaaccgcga	agctctcgtg	tcctcgtgta	tcattgtctat	120
tcgccgctct	ctggccattt	ccaagatgcg	ataccccgag	accgaagaga	ccctcacagc	180
tggtcgcggt	ctcattcccg	acgatgacga	gcacaaggct	gagaacgctc	ttcacgcttt	240
cgccaacggt	gcttggttgg	gtatcaagat	tgctggtaac	atcattacct	ctctgctctg	300
catcatcgcc	tttgctcgtt	tcatacaagg	tatccttact	tggtcggca	gctacatcaa	360
ccctccgcggc	gaatacgatc	ttactctgca	gttgatcctg	ggttaccttt	tgttccctat	420
ttcattcctg	ctcggagttt	ctcgcacca	cggcgacaac	tctactggag	atattctccc	480
cgctcgtcgt	ctcattgccc	aaaagatcat	caccaacgag	tacaacgcct	tcaccgacct	540
caccaccgac	gatccccact	cccaatacta	cggcctctcc	ccccgctccc	aactcatcgc	600
cacctacgct	ctctgcggtt	tgggcaacat	cggttctctt	ggtatccaga	tcggtattct	660
cagcaacttg	cccccaactg	cgggtggtgac	gttgcgcgtc	ttgccgtttc	tgccctggct	720
ctgggtgtctg	gccactctca	cctctgcagt	gtcgtgtgtc	tcgtcgtcac	caaccaagct	780
gtcgacttta	cagcaaccca	atcataaaat	gtcatgcgtg	tatgttgnaa	gagaacgaac	840
gaaagaaaca	aaaccnccaa	aaagaaagaa	cgaatgaatc	gtatataaaa	cttntnatgt	900
atcaaggaat	tttatgatat	gatatgctat	actactatat	ataccaaatg	ctatactgga	960
nggcacgaaa	atggcgatat	ttccggaaaa	aaaa			994

<210> 872
 <211> 306
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(306)
 <223> n = A,T,C or G

<400> 872						
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ttttctctgn	actttccaga	tcttctttta	cgtcttacga	cccattgncg	tctaccgcat	120
tcctctgact	cagatccacg	ccctnaacat	cttcggttcg	gnatccttcg	atctggntct	180
ctttaagtac	gggtctgnea	actctctctt	ctactactgg	tctcttctct	tctcgcaggga	240
agntctgnatc	ccctggnccg	cacttttatng	cagagcacta	cgttttacgag	accgtacacc	300
ttcggg						306

<210> 873
 <211> 591

<212> DNA

<213> *Fusarium venenatum*

<400> 873

gtctggacac	aaacgctcagg	atctgggacc	cgacatctgg	tgagtgcctg	gctattcttc	60
aaggtcacac	atcccttggt	gggcagcttc	agatgcgcgg	ggacacatta	gttacagggtg	120
gatctgatgg	atcagtcaga	gtctgggtcac	tggagaagat	gtgcccgatt	caccgtcttg	180
cagcccatga	taatagcgtc	actagtctgc	agtttgatga	tactcgagtc	gtaagtgggtg	240
gcagtgatgg	tcgagttaag	atatgggac	tcaagactgg	acatctcggt	cgagaactca	300
tcgctcaagg	tgaagctgtc	tggcgggttg	cttttgagga	tgagaagtgt	gttgctctgg	360
ctttgagaca	agggcgtagc	gtaatggagg	tatggctcgt	ctcaccaccc	gaagagggtgc	420
tttacgaccg	cccctctcgc	ttcaacagcg	gggtgctggaa	gatgacccta	gtcgcccgtt	480
gagtgcctatg	gctatcgact	atcgctcatc	acaaccaacg	ttggccggac	ccagtcgaga	540
tgccctaccc	aagatgttga	tatgcattga	cgctggccca	tcaacggccc	t	591

<210> 874

<211> 564

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 874

cgagatgcac	aaggagaaga	agaagatcaa	gaagaacggt	gatggcgagg	tccaggaagt	60
cgagaaggag	tggtcatact	ttgagttgag	tggctacgaa	tacctaactt	acaagcagta	120
tctcgagcgc	gttctacaga	ttgggttcgc	gtctaaggaa	agtcggcttg	accagcgagg	180
acaagcttca	cgttttcggc	actaccagca	tcggctggat	ttccacctct	cacgctgctg	240
cctctcaatc	catctcgatc	gttaocggcat	atgatacaact	cgccccagc	ggcgtcgagc	300
actctcttgt	gcanaccaac	tgcgcgcgca	tgtacgtcga	ttcgcagctt	ctcnaganag	360
cttcngaacc	atccagaagt	ctcagtcgaag	atcgtttatcg	tcaacgacca	accatctttc	420
caaggaaagn	gactcgaaaa	tcaaggcgat	cacctgacct	gaaggctctc	ccttggaana	480
cccaaagctg	gtgaanaaaa	ccctcanccc	acccgctagc	nnaaaactta	cgcgctctgtt	540
cntccggtea	cgggtncccc	aggg				564

<210> 875

<211> 708

<212> DNA

<213> *Fusarium venenatum*

<400> 875

acagcgatca	cgcccgcgat	ccaacgcccc	atttcccatc	caacttacca	tcctacaggt	60
cgcaacaatg	gacgcctcca	agcagcccg	caagctcgtc	aaggtcaccc	gagtcctcgg	120
ccgaaccgg	tcccggtgtg	gtgtcaccca	ggtccgcggt	gaattcatgg	acgaccagac	180
ccgatccatc	atccgaaacg	tcaaggggccc	agtcgctgag	gacgacatcc	tttgccctct	240
cgagtcggag	cgtgaggccc	gacgactacg	ataaatgtgc	atctggggag	catgggggtc	300
ttggaagacg	gtcaacgacg	gatgggtctat	gcatgctgag	gcgtgcgcgc	cttqtatttq	360
gacattgacc	tggagctgca	cattaccctt	ttggcaclcc	agtttcattt	gttagaggag	420
tcacacggac	gggtctggga	taacgaaaaa	ttccagaaca	gttcttcttc	tgcattgcagc	480
attggaatcc	gacgaaaagt	gaaattcatt	cttggtttctc	tcgcgcacgg	cttctctttt	540
ctctctcatc	aacgcacgcc	tcgcgccttc	tcgaagctca	aacaaggaaa	tggattgggg	600
ggaggatatg	cagtcaaac	gtgctacgat	aattcaatga	cctcggtttt	gacattgacc	660
taqcaacagg	agaattcatg	cctctttttaa	tgacagattg	ttcttcat		708

<210> 876

<211> 1116

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 876

ctttcagttc	attcaatcgt	cttaaaccgtc	ttgttcgcgt	ctttgctctc	atctcaaaccg	60
catccatcac	ttgtctacac	acaaaccaca	taacttccac	aaactgtcac	aatgcctgcc	120
aaagccgccg	ccgctcccaa	gaaggcctct	ggccacgcca	gctaccagga	tatgatcact	180
gatgctattg	tcaacctcaa	ggaccgaaag	ggctctagcc	gtcaatcttt	gaagaaatat	240
gtcaaggcca	acaacactct	caatgtcacc	gacaacatgt	tcgactcttt	gttcaacaag	300
gcactgaagg	ctggtgttga	caagggtgtc	tttgagcagc	ccaaggggtcc	ctccgggtggt	360
accaagcttg	ccaagaagca	agcctgagcc	taagaaggcc	qncgctccca	agaagggtgc	420
tgagaagaag	gacagtgtcg	agaagcctgc	cgctaagaag	cccgtgcca	agaaggctgc	480
tgnttccaa	aaagcctgcag	ctgagaagaa	ngccgctqnc	cccaagaagc	tgcccgttga	540
gaagaagaca	accgagaaga	agtctgccga	gaagaccgag	aaggctgaga	aggttgcctc	600
tgctaagggt	gcccccaaga	agaccgcgc	tcccaagaag	ctgctgcccc	caagaagact	660
gcgcacaagg	ctgagaagcc	cgagacaact	ctcacaaga	caaaggctgg	ccgtgtcgca	720
aagaccacaa	aggctgcccc	tgccaagaag	ccgcgcacc	taaaaaggca	gcgccaaga	780
agccgctgct	accaaggcgt	ntctgacgct	gagcagtatt	gaactttaat	taatgacnac	840
caccgcgttt	aaagatttgt	tcacngctan	ggcacgggaa	gtacgggttac	tggaatttcn	900
atggtttggg	ttggagcggg	attatttggc	tgtttatattg	cgcacgtacn	cgaanactcg	960
cgtttgtatg	attcaacctc	cagccatctc	atggttctgg	agatggtaca	ctcgaattgc	1020
nggtncactt	ctacacganc	atgcctntnt	gtattatatac	ccgcatgaca	tggcaatttt	1080
tcattaagcg	tgtcagggtt	gagacaatgc	nagcgg			1116

<210> 877

<211> 586

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 877

ggtgaccctc	tcgtcaagct	gttagcacac	cgaggaccgc	ttcgagatct	ggccgctcgat	60
cgtgaaagg	cgatacatgg	tctcgacggg	ccaagatcag	aaanatggca	gtttgggac	120
tcagaaatgt	tgcgcgaagt	caacagttac	ttcacacgcc	aaccagcttc	gtcagtggca	180
atctccgata	caggcttgac	agctatttgt	tggggtactc	aaacaaccat	ctggaagggt	240
ctcttcgata	agaacgcccc	tgccaagaa	aaggctcag	cccttacatg	gcgtgggggtg	300
gtgagggtaa	gcgcattgan	cgcgtaacgat	ggtgtccttt	gaaaatgttc	tcggtatcgg	360
tcacgactct	ggcttctcct	ccatcattgt	tcctggtgct	ggtgaagcca	actacaacct	420
ctggaagtca	acccattcga	gactgccaag	caacgacaag	aatccgaant	caagggtctg	480
ctcaacaagc	tgcanccega	tntgattgcc	ctcgacccca	actactcgga	acctggactt	540
gcgatccgaa	aaacacntcg	tncccaaaa	aacttgacct	cctgct		586

<210> 878

<211> 1657

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1657)

<223> n = A,T,C or G

<400> 878

caaaaaactcg	accagctcgt	ctccattcgc	cttgcacat	ctgaatcttt	cgcttttctt	60
cttatctctt	gttttttact	ccttcacgac	aaacgctcct	ttcacgatac	tcaagatacc	120
ctaaagactt	ttccttcaca	atgtctgaca	ctgtttaccc	cgaagtcctc	tgggctcagc	180
gatcttccga	gtctgaagct	tccaagaact	tcattctacct	caccatctcc	gtccctgatg	240
tgcccaagga	caacatcaac	ctcgaccttc	agcccaccaa	gtcacaacttc	actggaacct	300
catccactct	caagaggaag	taccatgttg	agcttgagct	ctggggcgag	atcgaccccg	360
cagagagcaa	gatcaaccac	acttccaaga	acgttgaaat	aaagctacag	aagaaggagc	420
tcaagaacga	gtactggccc	agactactca	aggactccaa	gcgcgtccac	ttcctcaaga	480
cagacttcga	caagtgggtt	gatgaggatg	agcagaacga	ggcccctgag	gacgacttct	540
ctcagttcgg	tggtatgggt	ggtggcatgc	ctgatatggg	cngcatgggt	ggcggcatgg	600
gtggtatggg	cgggtgggag	gcatgggtgg	tgactttggg	gcattgactt	ctccaactgg	660
gaggcgngc	tggctttccc	ggcgctggac	ggtgggtggg	ctggctacgg	cggtgggtgg	720
tacgcgtaac	cccagcggcc	ctggcgctca	gtcgtcttgg	tggtaaacac	atcacaccga	780
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tgaacgacac	ggcggcacca	tgacctgcga	agacagacga	atgccttttt	gccagcagca	960
acaggcagtg	ttcgggtccc	aggctttaac	gatgcactct	atagatttct	tttctttgat	1020
ttcggcatac	tcctcgtttg	atacccttag	accgagacgt	ggggagctgg	aagacgttgg	1080
cagcacgctg	tgatgcgatg	gatctagatt	cggacatggg	tcaacagatc	tcacacagca	1140
ttacgaagtt	tatgtttccg	ccgtctacct	gggggtttta	tcattcccaag	gcattttttca	1200
cgcattcacg	atagagggtc	atgttatcgc	cgttcacata	gacaaaagtg	gatttctcgg	1260
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tgagcgcact	ttgaagggag	caaaggataa	tgggtcaaca	ggacggttac	gtctgtttat	1380
tatcagaanc	ggagagcacg	aancgttacc	gcgcgacgcc	cataagttat	ggcatttggg	1440
ttggggcgga	cgggcattga	aaggatcaca	aaagctctta	ctctttgcca	tttaggaagg	1500
acatggacac	gacaaangct	ttgactcaag	gaataatgaa	tgggtcacga	ngcttntcat	1560
gacggggcca	tgatgcttcc	cgtantnnaa	cagataacca	tactggactg	gactgaggag	1620
tcttgaataa	aaaaaacgcc	tttgatttan	aaaaaat			1657

<210> 879

<211> 586

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 879

cattctctac	aaacctcaac	ttttttggca	ttgcctcgtt	tcctttcttt	ttcacctcaa	60
tccttctctg	cgggtgtatt	caacccgtaa	atcaagatgg	ctatctctcc	tcaaatcacc	120
aaacctgtca	tcattcctggg	tatgatgcag	gtctccaagc	gcgttccctt	cgatgatcct	180
tttgtgtca	acgttgtccg	cgccgtctac	cttgccagca	acgttatcat	tgctgggtctt	240
tactttctaca	cccagctgaa	gatcaataag	aagaangacc	tcaccaccct	caagtatggt	300
gagcccgcctc	ccatgggttc	ctctgangan	ggcaagctcg	ttaccaccac	catccacgcc	360
tacganaacg	aacagattcg	caccgctttc	cgtggccang	ccatgggtat	ggctatgang	420
gctttctatgc	acttgtagat	gaatacacca	acctcttctc	atccagaaca	tcattccctct	480
caaaacacct	ttcnaaaaana	catgattcaaa	atcacatctt	tggcaacctg	ccgctngtga	540
ctcaacgttc	ctcaaacacc	gctgttttcat	aattctatca	gggtgg		586

<210> 880

<211> 636

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

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<400> 880
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atactcaatc ctttcgactt acaaaccact ttcggccaca tatctacatt ttataaacia 120
caacataaac ttcaaaatgg atgactggga caccgcaacc aagatcggca gccgcgctcg 180
tggccccggc aatgctcagc gagagaccgt cgtccgagga aaggctgctc tcaacgctgc 240
ccaacgagct ggtggtctca gcaccgagaa gaagttctct tctgccaaacg ctggttccgc 300
accagagggt cagcgtatga ccaagggtga ccgatccgac gacatcatca agcccaacac 360
catcggcaag actggtggcg acgtcatcgc aaaggctcga cagcagatcg agcccaagat 420
gacccanaag gatctcgcta ccccggttga acanccaccc aggttttggg cgctgatttc 480
gagcgaggta gcgccgcccc cgaccagaag gngctncggc gccatggagc gcgtactcaa 540
tgtnaagctg nnaggcaccg acattggtgc tncnaagttc ctaacangaa gaaatgatca 600
attcatgcct gattanaagg aaatatattg aacaag 636

```

<210> 881

<211> 611

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

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<400> 881
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acttetgcac cgctcgctt tccctccgct atcaatcttc taaatctgcc ccgcgatctt 120
tcatecgcga aacccttcat ctgcacctcg ctctcacgag aaacaccaga caccatggct 180
gccgtcgcaa cagaagcccc caagatggat gagcaggctc acctcaccac catccccgct 240
cgaccccgct ggcaatgaag aatcttccga cgtcaaggac gaaaagcccc tcaactgtttt 300
ccacgaaaag gacaacttca acgtcaagca cccctccaa aacaagtgga ctctctgggt 360
cactaagccc ccgagcggca agggcgataa ctggaacgtt ctctcaagg aagttatcac 420
ctttgactct gttgaaaaat tttggggcgt ctattacaac gttgcccccg tctccgaact 480
ctctctcaag tccgactacc accttttcaa ggaangtgtt cgtcccgaaat ggggaagacc 540
ccanaacaag catggtgggc aagtgggtctt accagtacaa ggacaagcgc aacatcnact 600
caacgtctct g 611

```

<210> 882

<211> 167

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(167)

<223> n = A,T,C or G

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<400> 882
ttcttqgttg ccaacccaag cagacaccca ttcttgacca acttgcatgc atgcttccaa 60
atagagaccc gtgtatactt cgtcatggag taagtttagtg gtggtgatct gatggtgcac 120
attcagcgag ggcaggtcgg tctaancgtg cgcaattcta ccccggc 167

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<210> 883

<211> 544

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(544)

<223> n = A,T,C or G

<400> 883

cgaggacatt	gaacaatgnt	atggccgaga	gaacatgacc	cctcgtcatg	atggttctcc	60
gacccccatc	aagatgatta	cagcagcacc	agaacgcgga	cagatgatga	acctgatccc	120
ggagatcacg	tcaagagaca	ttatctactc	cgttggccac	accgaagcaa	catatgaaga	180
gacatctnag	gctgtgggta	aggggtgctac	aatgattacg	cacctcttca	atgccatgcg	240
cccacttcac	cacagaaacc	caggagtctt	tggagtcttg	ggcaaggccg	agagcttgcc	300
gcgaccgtac	ttcggcata	tctctgacgg	gattcacttg	catcctacca	ccatcaaaat	360
agcctacagt	gctacccaga	tggattcatt	ctagtcacag	atgcgatgca	tcttgnaggt	420
cttcccgatg	gagcttatcc	ttggacgaat	ggagacacac	atccaatatt	gcaaacgggg	480
ttttaagctt	tggtnagaaa	ttccgataca	atggcggagc	tnaattctnt	acttgngngg	540
gcac						544

<210> 884

<211> 617

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 884

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gaagtatcat	atategactc	tacaatcgcc	gacaagatgg	gaaagaaacg	gcgcgggtcat	120
cccgacatcg	aggaggtggt	gcaccgtcct	tgggtgctact	actgcgaacg	tgattttgaa	180
gatctgaagc	ttctcatctc	tcatcaaaaag	gctaagcact	ttaaatgcga	ccgctgtgggt	240
cgtcgtctca	acactgcagg	aggtctctcc	gtgcacatga	accaagtcca	caaggaaaaac	300
ctcacgcagg	tcgaaaaacgc	gcttccaaca	gacaaggtct	cgaggtggag	atctttggca	360
tggagggtat	tcccaggaca	tgtctgacca	gcaccgtaac	cgtatccttc	agaactttca	420
caagcgcaga	aggatagaca	aatcgcgacg	ggaaaccctn	tttctggaca	ggggcatcac	480
agaagaagat	caagacgggg	accngatga	atttgaacan	aggttgngga	gtttaaacag	540
aanaagaagg	gaatgnttgc	catggaggcg	tggatccact	gctgntgtgg	tgggtggtgnt	600
ggttcttngn	gccgtgn					617

<210> 885

<211> 425

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(425)

<223> n = A,T,C or G

<400> 885

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agggaaagaa	aggagggaac	aaggccggtc	aggctgcaaa	ggccgntntc	aagggcacaa	120
atccccacaa	gaaggtoaa	gtctgntaca	gcacctnctt	ccaccgcccc	aagacctga	180
ccaccagccg	tgtctccaag	tacctttgtc	gatctgtccc	ccaccagcct	cgctctcgatg	240
agcacaagggt	tgtcatccac	cctctcaaca	ctgagagcgc	catgaagaag	atggaggana	300
acaacaccct	cgttttcacc	gtngatatca	aggccaacan	ggntcaatca	agcttgccct	360
ananaagctt	tangacattg	actgcctaan	ataacaccc	gatacncctg	acggtaacaa	420
gaagg						425

<210> 886

<211> 1066

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1066)

<223> n = A,T,C or G

<400> 886

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cgacctaccc	aagcgataaa	agcacaattc	actntttttt	ctccagcgtc	aatcatgtca	180
tcctacctcg	aaaagcaggg	aaacgccttc	cgaggcaccc	tctnctctgc	cgcaacgaag	240
atctcgaaatc	cctcgacca	caaagcccg	tccctggctg	taccatcatt	actagctcct	300
ccttcgcctt	ccccttcagc	tgcttctgat	cctaataccc	ctactacca	gcgaaaacga	360
gatgccgcgc	ccgaggtccc	ttactcgag	ccacaactca	cgggctatgg	tgctgaggtc	420
anaaccaaa	tgacctttgc	tgncgaatac	ttgaaaaaga	agggcgattc	aaagaccatt	480
acggaaatta	tcgatcattt	gagctctgaga	ggctacgacg	aagagcacaa	gcgccagctg	540
gcagaaggat	tgcgaggaca	tcccctgtga	gactggaagc	ccgatgcgaa	cttgagcgag	600
cagacctgga	agacaggcac	ttacgtctac	cgacccatca	tcccgcgagt	taaggacgca	660
accacccttc	tgggtcacct	gcaagcaaag	acagatgcgt	caggcgtgtc	ggtcaaagat	720
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atccttgtgg	tccgcacaaa	gaaggacaac	ctcccacgat	acgtatggcc	caacgatgct	840
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cccctcgacg	agatgcaccg	caaactcacc	agcgtcgggc	aaaagcctcc	gagcgaggac	960
ccgcgcaaga	ccaaggaggg	acagggcaac	aagcccaagg	tgcaaaaaan	gcgcagggcc	1020
acaggatcgg	aaaggcgacc	aatgtccaca	tggcgcattt	atgagg		1066

<210> 887

<211> 665

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 887

gtggcacttt	ttcacctttt	gttttttatt	acaactcttt	cttaataccc	ccttttcatca	60
aatctcaaaa	tcattgngca	agacccccga	gctctcctcc	aaaaggctca	gaagcagctc	120
caaagtgcgc	gtggcggttt	cagcttcttt	gggggacgag	aggataagta	ccaagaagcc	180
ggcgatctct	ttaccocagg	cgccaatgcc	ttcaagatgc	aacaacagaa	cctcgaggcc	240
ggaaaggctt	tcgaacaggc	cgcgcaagtc	cagaccgata	agctcaagga	gcccgatgat	300
ggcgccaaca	ccctcgtcga	tgcatttaag	gcctaccgca	aagacgatcc	tcaaggctgc	360
cgcgaggtgc	ttgaacgttg	ccgtcgatcg	atactgcgcc	aagggttaact	tccgtcgcg	420
agcctctcac	aaggagaacc	ttggtgagct	gtatgaggtg	gatctcggcg	atgcgaagag	480
cgcgatcgaa	tgctacgaac	tcgctgccac	ttggtacgag	ggcgataacg	ctgctgcctt	540
tgonaacaag	ctatggctca	aggttgccga	tgtggccgcc	ctcnnaaaaa	gattactaca	600
aggnttttga	gaaatacnaa	aagggtggctg	ancagtcaat	caacaacaac	ctcatqaant	660
acagc						665

<210> 888

<211> 604

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(604)

<223> n = A,T,C or G

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<400> 888
cgactctcag aaagctctct ctgagcttct caattctcgc atacgaaacc acttttttagc      60
tgttttacccc tcgtcagcca ccgtcaccat gacgctctac tacactcttg tctttatgct      120
tctcgtcttc gagatggggc ttttcatgct cctggctctc cccatgccct tcaacgtcaa      180
gcgaaagatc tttaccttca tttcagagaa ccccgctcgt gccaaagattc agtattggat      240
gaagattacc ttcactttta tcttgatcct ctttgtggac agcgtgaacc gtgtctaccg      300
tgtccagctc gagctcgccg ctgcctccga acaggccaag cacggtggag gtgccgccgt      360
catgggtcac gagcgtctcg aagtccaggc tcgcaagttc tactcgcaac gcaacatgta      420
cctttgcggg ttcacctctt tctatcact cattcttaac cgtacctacg tcatgatcat      480
cgaggtgatg cgtcttgagg acaaggctcg ctcttacgag ggtaccaagg agaacaccaa      540
ggaggccgag aagctcgctg ccgccggtaa gcccggtgag ctgccccgtc ttcgaaanga      600
gctt                                     604

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<210> 889

<211> 758

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

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<400> 889
cggacggtga caggctcgagg ctgatatttt gacaaaacac tcgtcgacac acttcgcaca      60
ccacttcgaa gctattcaag atgtcgtcgg gcaagggttaa ggctggagag ctctggaaca      120
agtcacaagga tgatttgaca aagcagctcg gtgagctcaa gaccgagctc ggtcagctcc      180
gcattcagaa ggctcgttct tccggctcca agctgaacag aatccacgat atccgcaagt      240
cgattgctcg tgctctgacc gtcatacaacg ccaagcaaag ggctcagctc cgtttgttct      300
acaagaacaa gaagtaacgt cccctcgacc tccgtgccaa gcagaccctg gccatccgnc      360
gccgcctatc acccgatgag aagtcccgcg tgctcgagaa gaccaagaag cgcactgtcc      420
acttctctcag cgcaagttcg ccataaaggc ttaagttaaa aatgctggta gttcttgccg      480
tgtgacggac actgggtaga anggaaacgg ggtatggagg gcgtcgcgtg ctttttcttt      540
gacaaaactt cgaaatctgc atcgcattgg tcagggaatc tcggtctgac ttgtacttat      600
ttcccggttt gggcctcgat ctgggacggg atatgtccac aatgggctgg ccgtaggcag      660
tcttaaaaaa caaaaatgag gtcaaaaaaa aaaaantaaa aaattnttgn ggccgtnag      720
cttgcatttt anaggncca attngccttt tagggggg          758

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<210> 890

<211> 595

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

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<400> 890
gcctcgtctc cgacctctcc tccacatcaa atcacatcca ccatacctac tctctttctac      60
gcagagagaa tcccgacaca taatttatgg ataaagaata gactgagctc caggctctta      120
gttctccagg atgggtcaag gtcaatctgg catgggagaa gggggacgtg atgacaagga      180
caagaagaag gataagccca agtacgagcc tccgccagg cctacaacac gagttggctg      240
caagaagaga aagggccggtg gcaccagcgt cgcacaaaaa gttcccgccg tctacccctac      300
tagtcgatgc aagctccgac tcttgccgaat gcagcgaatc cagatcatc tcttgcttga      360
ggaggaatac gtccagaaac aggagccgtc tcgcaaaagg caaggcagcc aaggagggcc      420
aaaccgctgg caccgatgct gacgttgacc gtttagcaga tgagcgcggg cgtgttgacc      480
atatgcgang aagccccatg ggtgtcgga cccctggaaa agctcattga tgatgacat      540
gccatcgtta gtagcacaac ccggctccga glnctacgtt agcatcatga gcttc          595

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<210> 891
 <211> 519
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 891							
cagcaaacc	gatattatcc	aagtaccage	aaccatcca	caaccgcca	tatgagtgt		60
caacaactca	acatcgacaa	cgccgacett	gagaagctca	acgataagga	tcgcaccgag		120
cttcgccagt	ttctcgccaa	cgagcagcaq	cgttctcaqa	tccaagccca	aactcacagc		180
ttaacacaga	tgtgctgggc	caagtgggtt	cccggaacca	tcaagaactc	caagctcgac		240
aagcccgagg	agacatgttt	ggcgaactgc	gtcgagcgat	ttcttgacgt	caactacctc		300
acgatgaagc	acctcaacgg	catgcgcaac	taagcgaata	gtttcgacaa	gtagttttgg		360
ggttatcaca	gatcatgtat	gatgaaattg	gtgtataatt	agacnggact	tgggttggtt		420
gggaaatcta	aaccatatcc	aggctgggtc	cttttgctgg	gtgcagantt	tgacgatcgt		480
gatgtgtcaa	tatgaaagaa	taagattttc	gacccccgt				519

<210> 892
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 892							
cttccttggg	acgttaattg	ctgttccagc	tgttacgtgt	cttctcatgg	ccttgcaatg		60
gggaggcacc	aantttggct	ggggcagctg	gcanattatc	ttgectcttg	tcttttgccg		120
gctgctgttt	actgcattcg	ggtacctaca	ataccaccaa	ggtgacaagg	ccctgctgcc		180
cccgagaatt	ctgaagcaga	ggagtatcat	cgcgggcatg	tggtttggag	catggtgcga		240
gggggttctt	gcggttacag	aatactacat	gtccatctac	ttccaggagg	tgcgaggata		300
tacacctacg	aaagctgggt	tgcttgctct	tcctatggta	ggcggttgtt	ctatcgccct		360
tgttattttc	ggccttggca	cgacatggct	tggatactat	taccatttca	tgctggccac		420
aatgtcttga	ccccatcata	tcaagccttc	tcacaactat	aactttgaag	aacagttaac		480
caaaccatta	tccttttgtc	ctttttaagg	ctgcctcgtc	ttngtctcna	tatccaataa		540
tacacttcaa	ccattctccc	catgaaaant	ttctcttggt	gaacaatttt	g		591

<210> 893
 <211> 465
 <212> DNA
 <213> Fusarium venenatum

<400> 893							
aagcattctt	cgcaacaag	aggaaaagtt	gatgaccatt	cttgaggcat	ttatatacga		60
tcaaacgttg	gaattgcaga	aagaaaaacg	tacacatcgg	agaggagatg	taggggtcaa		120
gcttcagcct	cagagcggtg	tggacagcat	caaacgcaag	gttagggggg	tgtcccaaac		180
tgaagcatt	cctctggggg	ttgaaggcca	agtggaagaa	ctgatcaaac	aagcggttga		240
tcccaqaac	ttagctgcaa	tgtatataag	ctgggtgtcc	ttctgtgag	aaaqgaacaa		300
gotagaaaaa	agaatggcgt	tgggttgaat	gcattgcaagc	aagaaaaggg	ctgggttact		360
cacaacacat	tgaattttta	atatgctgat	tttaattaaa	cgaacccctc	tttgaactcg		420
cctcattaat	attcattgtg	cactaaatca	ataaattatg	tctct			465

<210> 894

<211> 439
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 894
 tgnaaatnag ggntcccntc cataanatta aaatcccttt ttacacaacc cctccgaaga 60
 tcacccacaa cccgtcatgc ggtcgtatta tagcactatg atgcgagcag cgagatacta 120
 tggcatagag gacattcgtg tcgagcaagt tcctctgcct tctgtaaagc caggacaagt 180
 caaggttgct cgggcgtttg tcggcatctg cggaaacgat ttgcacgagt atttaggagg 240
 cccaaatttc tgccccacga caccnatec catcaccaag gaatctatcc ctgtcacccct 300
 tggacaagaa tcttttggga tcatcactga ggnccgtcct gacgtcgaag gctttgaagt 360
 cggcagccct gtgctattca ccaacgctat tctgcggcac tgngcagttg ccacaacccat 420
 ggcganaatg tctgcacag 439

<210> 895
 <211> 576
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 895
 gcgctgtggt attcaatatg tcgctcaata tccccaacgc ccctaacgcg ggtctcttta 60
 agcagggtta taataagtaa gttgtctttt cttgggtctgg cctttactcc cctccttggt 120
 gctacttctg cttgttgctg ggcagctccc cgctcttta tgntgtctct cccgtatcca 180
 acttctgac tacagccttt ttcaaaaaca ccaaaactaac aagtctccct tcttctctac 240
 agctacgact ctgaaagatg gtgccgtcct ccgcaacatc gacgcctgca gagcaattgc 300
 gtccaccgto cagaactctc tcgggcccta tgggcgcaac aaggctcgta tcaaccatct 360
 gcaaaagang antcttacct ccgacgctgc taccatcctc cgagaactcg aagtcgtaca 420
 ccccgccgct aagctccttg tcatggncag tcagcaacag gaagccgaaa tnggtgatgc 480
 caccacacttt gtcacgtccc ttgctgggcg aactgctccg aaaactgaag anttgctacc 540
 atgggtctca ananatcaaa atatcgctcat cngggt 576

<210> 896
 <211> 617
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 896
 ttcaatcttc caccacaccc gacaacacac caaactttac tatccgatag cgcaatatcg 60
 cacagccatg ccaccttcgt catcaaacac agccgctgcg tcgcgaagtg cgagtaagcg 120
 attgattaaa gagctggaga catggaglay agaacaaaag gaagagaagg gcattgagcg 180
 cctcgggcct gtcacacgaag gcgatttgat ggagtgaggaa gctgtcatca atggacgggg 240
 tataggacaa gggttatgat aaggacgctg gcttgtcaac atctccatcc catcgacata 300
 cctctctgca ccgcacaaaga tgacctttgt tacacctatc gtgcacccca acattgcgct 360
 gcagaacgga gaaatctgcc tcgatcttct caaggtatgcc tggactccag cttatagtgt 420
 tcttgaatgc gtgngngcgg tgcgtatggt gctttggaly tcccgagacg gacagtcctt 480

tgaatgttga	cgtcgcagcg	ctgntgcgct	cgggcgatgt	gttgggggtac	cccggaagct	540
agtcgagttc	tgggtgntcg	ggaattnttg	attcgagatc	caagggggcca	tgatatgtcg	600
gttcgactac	gtttgan					617

<210> 897

<211> 586

<212> DNA

<213> Fusarium venenatum

<400> 897

attacagctc	ccacctttta	cacgctctca	acataaaaact	tccttttgca	tggaacgatca	60
acaattacca	gcggtctctc	agcagccgcc	caagaaagggt	tcaccaccct	agaacctcac	120
gacccaagcc	cccaactccc	ggaaacgagg	aagcctctgc	gaatctcaat	ctcggagagt	180
tccaggatgt	tgatactctg	acactctccg	aagctgctct	ggttctaaac	gctctccacg	240
ccaagcgaaa	gaatgaccgc	cgaaacgtta	acaacaccga	galgttgaac	tcgactctca	300
cttactctga	taactttgag	cgattcacgc	aaaaggagaa	cgtagaagct	gttgagcgtc	360
ttctcagcgc	acacaaqaat	cttgccaagt	ttgagcgcgc	acagctgggc	tccttatgct	420
gtgaaggagc	cgacgaagcg	aagacactga	ttccttcaact	ggccgacaag	atctcggatc	480
aggaccttca	ggattttgctc	gacgagattt	ctaagctcca	gactcgatga	agcgtcact	540
gcattctacat	aacgagactt	tgttcaaact	caacacccaaa	acgaag		586

<210> 898

<211> 941

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(941)

<223> n = A,T,C or G

<400> 898

tcttttgtaa	caaactgatg	gggcctttct	ctgcaattaa	catgtcgtca	tacaaactca	60
ctccattaa	aagcttcgaa	ccactaaata	ttncgtctca	ttggtcatcc	cccacattat	120
cgtctggcag	ggcatgggaa	tgaattggga	agcttccctt	aagggtgggt	gaatgcttgc	180
gtttttggtc	acctaaaaaa	ctggcgcttcg	caatgggcgc	ccatgatccg	ttctttccct	240
ctcggtctct	ccactggcgt	ttcccatcat	cccacctccc	ctcccccagg	cttcccctac	300
tttaatacga	cttgatgcgt	ccttaccttt	cctctagaat	actccaaagc	tttcgcacag	360
ctcggataca	gactcctctt	cctctagcaa	agtccttttc	cacatacaga	gcaatgtcgc	420
aagaatacaa	gctcaagggt	ctatcgctccc	tgtctctttc	tccaggctct	aagcaggaag	480
tcgaagtcca	aggtgtcgaa	gatggcaagg	ttctcctcgt	caacactgga	agcacaacac	540
aggttttagg	agccaaatgt	actcactacg	gtgcacctct	ggcaaagggt	gtgttgacca	600
gtgaaggctg	tatcacatgt	ccctggcacg	gagcclglll	caatgcaaag	accggcgata	660
tcgaagatgc	ccccgccctt	gacaatctcc	ccgttttcaa	ggttgccgaa	cgagacgggtg	720
ccgtttacat	cactggagaa	gagagcgcca	tcaagtcttc	caagaaacaa	cccaacgtca	780
agtgtgccgg	atccagcagc	gcacaagacg	aacatgtcgt	cgtcgtcggg	gggggctcaa	840
gtacattggg	tgttgnccaa	antctttccc	aanaagggtt	ggaanggaag	aatcacccgtc	900
gtgtctaacg	aaaggaaaact	ccccaatcga	cccgaaacga	a		941

<210> 899

<211> 799

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 899

ggccatcggt	gctatcctcg	ctctcatgat	ctgcgacgcc	gacaagatcg	tccgggagga	60
caacacaaag	gtcatcgta	tgaagaaccc	ctcgtggagc	acagagatca	agggcctctg	120
ggagactctc	tacagcgcac	cctgggtcgt	cctcctcttc	cccatgttct	tctcctccaa	180
catcttttac	acttaccaga	acgtcaacat	gaatctcgcc	cagttcaacg	tccgcacccg	240
cgcgctcaac	aacctgctct	actggctagc	ccagatcttc	ggtgctctca	ttattggcta	300
cgcctcgcac	atctcgagcg	ttcgtcgcag	cgtccgcgca	aaaatctccc	ccgcgcacct	360
gtttngtcc	gaactttggc	aatctggggg	tgggggctac	cctgggcaaa	aggataagcg	420
aaccccccaa	gacgctatg	aaaccccccc	aatgaaagaa	tgaacaagat	cgaactgggg	480
aacgaacggt	gccaagcgaa	ttcgtccctc	cccatgttcc	tctacttttt	ctacggcttc	540
ctttgatgcc	gcctggcaaa	cttgcatact	ctggtacatg	ggcgctctct	ccaactctng	600
ccgcaagacg	ccaactttgc	tggtttctac	aagggtatcc	aatctgcagg	cgctgccatc	660
ttctggcgta	tggatggtct	cggcaagcca	ttcgacacca	tctttgcgcg	aacatggggc	720
tgcctcggcg	cctcgctcgt	catcgctgca	ccagtgattt	tcatgaanat	caagattcca	780
tctccctgga	aggaagacc					799

<210> 900

<211> 577

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 900

cttgetgtag	ctgtcgacct	cggtcttggg	ccccgcattg	gtggtgtcga	aataatcggc	60
aataagaggt	gtcatatctg	acttctcgga	attcgtgtgc	gaaaagagca	gcttctgcgc	120
agggaccgag	ccggaggagt	agattatgat	cttctttcca	ctcttaatgg	cttcgttnaa	180
gaaggtctcg	acatccggga	agaggggagc	gacgatgttg	ccagactcgt	aacctgcag	240
ccagaggtat	ccctggagcg	acttgaggta	cgtatctctg	acatcgcgct	tcacgagatc	300
gcggacgtga	gcttcaaaat	cagaaggcga	gttgcggtag	tcctcgggga	aagcatcacg	360
gtactttgca	aactctggac	tgtcccactc	ttgttccaag	actttgggaa	gtgcttcgag	420
tgcatacggg	aactgggtac	ggcgaacaga	ccttggtcag	caggctgcac	tgttgttgac	480
gttgggcaca	ctatcgcgaa	tcggggcaaa	gtcngtgaan	gggtcaaaga	agctgggggt	540
gaatganato	tgggttccaa	agaaaaaatt	cagatgc			577

<210> 901

<211> 586

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 901

cgagcgcctt	agccaggcat	tcctcccaaa	gcctcatttc	accqaqtcta	acqtacccca	60
tctacagga	aaggtcagta	ttgtcacttg	agcaaacaca	ggtgttggtc	gtgagatcgc	120
acaggtcctc	tacagcaaaa	atgctactgt	ctgggtagct	gctcgcaatg	aaaagaagan	180
tgcgatgct	atcgagggca	tcaagaagca	tcacctgca	tccaagggtt	ccatcaagtt	240
tctcaagctt	gatctcgcag	acctgacaac	tatcggtcaa	tggccaaaag	antttcttgc	300
ccaagaaaca	agactcgatg	tcctgttcaa	caatgctggt	gtcatgaccc	accagaaggc	360
tcaagagagg	aggaaggata	tgaactccaa	ctagantcaa	ttgtttgggc	caattcttat	420
tcaaccaaac	ctcaccctct	tcttchatca	acatccaatc	agcacccaaa	acctgtcctg	480
tgattttggt	tcaatttcac	tgcaattttt	tgcctaaga	cgtttcaacg	tnatatcttg	540
aataccatca	cgcgcacct	gatgcccaatt	ttctacaacc	aggggn		586

<210> 902

<211> 604
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 902
 gcacctctcg ataagacctc atcataatcc accgcaatca tgtccgcgac aaaggagttc 60
 accatgcagg atgttgctga gcacaacacc tccaaagaca tctacatggg tgtccacgag 120
 aagggtctacg actgcaccaa gtctctcgac gagcaccocg gtgggtgagga agttatgctc 180
 gatgtcgccg gtcaagacgc caccgagggt ttccgaggatg tcggccacag tgacgaggcc 240
 cgagaggttc tcgatgggtc ccttggttggg gagctcaagc gtctgctggg gaagagggcc 300
 ccaaatgcga catcgcaact naaacccaggg gaggggncag gatcctaccg gctcagcttg 360
 accttttacg cttttgttgc gctgcggntt cgcncctac atggggtaca actnctcaa 420
 aagcaaaacg aggcccaagg ctccgcataa gtgtctnacc tcantcttaa cgcctgagga 480
 cggngantat aaaaggggnc tttgtgattt gttttgcatt caatgccggt tacngatgat 540
 gaccnacatt tgcttnggga gtttttttgc ctgaggnaaa agccgtcgaa naaacgtgct 600
 tga 604

<210> 903
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 903
 agtcaattac ctatttaatt gttagagtcoc cctaattgata gtatggaaca aaaacaacaa 60
 agcaacaaca ctacaacacg agtcgatcta gaaacaggaa atcacagaaa ccaatatcta 120
 tcaacatgto tcaaaccaac agcagcacca acgggtcatag caacgggcac aatgcctcta 180
 ctatctccag cgtaccaag ctctgtcaga ggctagagtc caacgatatc ctggtcgcac 240
 cgggtgttta cgaagggttc agtgcacgta ttgcgcttga ggtgggattc gagtgcctct 300
 acatgaccgg agctgggtact gttgcacgta agcttggcca gcccgacctt ggcttcgcgt 360
 cctcaacgac atgocgcaac acgccgagat gatcgcaaac ctgcacaatt ctgtaccttt 420
 gatcgctgac gcgataccg gctacggtgg ccccaatatg gtggctcgaa ncgtcgcgca 480
 ctatcaccgc tctgggtgtg ctggncctca cattgaagat caaatccaga acaagcgatg 540
 tggtaacctc cgtggcaagg ccgtgggtcga tctnaaact tgaacagcg 590

<210> 904
 <211> 449
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 904
 ntggcaaaac caacggactg tcttgtgcgc caccaactcc agaggagagc tttttcttaca 60
 acactgtttt tggccaacgt tctctctctt ctggngaaaa ggtacctcag aaaatagacg 120
 acattctatg tcttgccttc gctncaaat tcccaaccag cattgntgct ctacagtgtg 180
 ttgaagaagg tcttcttctc ctnaaaggan acttgtcaac tgtagcccca gagttggccg 240
 aaaagaaagt totgacagga tgggtctgaga atgatgaacc attgttggaa gaacnctccc 300

anaaaatcac	acttgaaatg	ctgcttacgc	atagtgtctgg	ngcgacgnac	gacttttnta	360
catccgttta	ttgggaaggg	gngngcccaa	tntaaaccaa	ngatccaggg	caaaaagaat	420
gtcgaaaana	cttttattta	tntcttttt				449

<210> 905
 <211> 510
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 905						
gcccattcct	ggtacctaacc	aagacgagac	tctggaaaac	ctcatgacag	atcttgatcc	60
ggagaatgcc	aagcagttct	atctgtcgca	cgcgagtgcg	gtcgcaagcg	acaagatggc	120
tgcgaggcca	aagaatgctc	gcaaggaagc	catcaatagt	cttggtggac	ttggcgagga	180
tggtgacgaa	gtggacgttt	tcgccaatga	cgtcgacagc	aacatgcttg	actctgtcga	240
agctctcacc	accgaaggtc	acgcattggg	aactgtcgtt	tcgganantt	gcggcctctc	300
cagcgtctac	caacatccca	gtatcccgcg	cccgagtggg	ccgtacttgt	tcagccccctg	360
cggctttccg	ccaacgggtg	tggtctcctc	cttcttccgc	cgaaggaagc	aagggtgaca	420
ctactttacc	gtccacgtcc	tctganccc	cntgttcgtt	gctcttcnan	aacaacttcc	480
cgggtggaaga	ntggacnaac	ccccgaatc				510

<210> 906
 <211> 609
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 906						
tttaaacaga	agantatcct	cacctcaccc	ttctccctct	ctggtgtcct	ctgttacaca	60
acatctcacc	catcttacat	caaccatggt	cgccaaagcc	atcactgcct	ttgcccttgt	120
ggcacctctt	gtctcagcac	agactttcac	aagctgcaac	cctctcacaa	cttcatgtcc	180
tcttgacctt	gcttttggca	aggacaccgt	ccactgtgac	ttcacaaagg	gagcttgacc	240
agcttttgag	gaagacgccg	gtacatcaat	cagtcacaa	gccaacgggtg	ccgtctttac	300
aatttctgga	cccaaccaag	cccctacagt	tgccacgggc	aagtacatct	tggttgcccg	360
tgctgatatt	gaagtccaag	cttcttccgg	tggttggtatt	gttaccaacg	ctgttttgca	420
atctgactgt	cttgatgaaa	ttgattggga	atggctagga	agtgacaatg	ttcaattcaa	480
tccactactc	accaaggtga	cgtgagcact	acaacgaaga	cttcacctg	tcgaaaaccc	540
catcgaaat	ccnctctact	ccatgatgag	nggaccccc	agccgttaac	tggtatcatn	600
acnatgttg						609

<210> 907
 <211> 633
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 907						
accgacaacg	cctagaagca	acgggcaaca	gtgaatgcac	tatactcttt	tggaacataaa	60

acaaacacca	tcgttatcag	cataatcaac	tgggaatttaa	tcaattccct	cccaaaatgt	120
ctattcctat	gcaacgtctg	ggcggtcgcg	cctttgcccc	tgatgacgat	aatattgagc	180
aagagtacga	ccgattgaga	gacctggcgc	gagccgaggc	aaagaagcgt	aacgactgct	240
ttgctcgctc	acgtcaagcc	tatgaagatg	gagatggagc	tgccgcaaaag	gagctctcca	300
accagggcaa	ggccccacgc	gcgcgcacgg	acgactacaa	ccaacaagcc	tccgaattca	360
tcttcgggga	gaacaatgcc	tctggacgcg	tagaggccga	ctctatcgat	ctccacggcc	420
tctacgtcga	agaagctcga	agaatactcg	aagagcgcac	tcgttctgac	caggccaatg	480
gccaaacaca	tctgtacgcc	atcgctcgga	agggacacca	ctcttgccgg	tggtgtccgg	540
aagctcaagc	cccaaggctg	aanaactgtg	ccaagaactc	gggctgcggt	nccaaacaga	600
caaggaccac	cccnggaggg	taatcatcaa	cct			633

<210> 908

<211> 643

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 908

cttgaatgcg	gcgcaacctc	acgacaaccc	ggcacctccg	tccaacgttc	gatctcgttg	60
ccatctcttc	cacgactacg	tctataattg	tcgcattctt	ttgaattgct	aggagtttgg	120
cttgttccga	cctgctccaa	gctaccccgc	tgccatattc	gccaacgaca	agatggccac	180
accagctccc	cccagaggacc	aagctcgtct	gcttgaagat	gccctggttg	cagtgcgtca	240
gcagacttcg	ctcatgcgca	aatgtctcga	cacaccggga	aagctaattg	atgcgcttaa	300
gtgctgctcg	acccctgttt	ctgagctccg	taccagcagc	cttgggtccc	agcaatacta	360
cgagctgtac	atgtctgttt	tcgatgccct	gogatacttg	tcgtcacctt	cgcgaaaacc	420
atcctgtcaa	tnoctaccga	ctctacgagc	ttgggtcagta	tgcanccaac	atcgttccgc	480
gaatatactc	natgaatacc	gnnggaacgc	ttacatnngc	attgaggatg	cgcacctcaa	540
ggngctcatg	aaagacatga	tggacatgaa	tcgaggnngt	taacatncta	tccggggggc	600
ttttnttccg	tantaacttt	tccggccaag	cgagagantt	ttn		643

<210> 909

<211> 550

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(550)

<223> n = A,T,C or G

<400> 909

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tttcttccaa	ctacctgaca	acactacgta	tccttctgct	anctcagaaa	ggcttgtttc	120
tttaccgtct	ttgttacaca	acaccagccg	ggttactccc	agcactgaag	acaaccacca	180
ctatgttccg	ttccagatct	cacagcctcc	tgggtggggc	tggttatctc	gttgcctctg	240
cttcgcgggc	cgttgccctc	gganctggta	acattgcctc	aattttccaa	gtngaaggtc	300
agaactggcg	ccacggcgat	atcaactgat	cactcctgat	cctgtccagg	cccaggtctc	360
caatggcaag	aantttaaca	aaatcaacgt	ctctcgtgtc	tacttcggaa	actggcttcg	420
agattatctc	aggccatcga	tgtctgtacc	gtcaantctg	tttccqccga	agccattcgc	480
ctcttgcctc	gggttctcng	tttcatgaac	ttcngttatg	gttctggcga	atttgaaggt	540
cttcgcgaac						550

<210> 910

<211> 683

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 910

ccgacctaga	tctaaacttt	tgcaaccttt	cagactcaga	ctcagactct	taacaaactc	60
gctectacac	cctcacacat	catccatcat	gtcgtggcaa	gcatacatcg	actcaagcct	120
cgtcggctcc	ggtcacatcg	acaagggcgc	cattatcagc	gccgctggcg	acagcgtttg	180
ggctgcctct	tccgacctcc	agctcaagcc	tgaanagatg	aaggccatct	ctgccattgt	240
tggcgggtgac	accaaggcca	tggaacaaggc	ttttgccgaa	ggtctctaca	tcgccggtga	300
gcgatatggt	atggcccagag	ctgagggtcg	aagtatctac	gctcgatcgg	gtcgttccgg	360
tgctcgtgtc	gcaaagacca	cccaggccat	cgctcgtcgc	caccacggcg	aggcccaggt	420
cgccggtaac	gccacctcta	ccgtcgaggg	tctcgccgac	tacctcatca	agtcgaacta	480
ctanataattg	gtttgtgtgc	aaggcaaggc	gaagaagggt	ttttggggcg	aattatctgt	540
canaancgtc	ataaaaaacn	ctgtatgtcc	gtaaaaccgga	tagtcaacgc	anctgtaacg	600
agcttatgcc	aagaggagcg	agcccccttt	gtttttaaaa	acactggggg	ttgaaccttn	660
aanctttgag	tgtttgggtg	tnt				683

<210> 911

<211> 736

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 911

cgcccgctctc	gtcttccana	acctncaaaa	ggctcatctcc	taccttcttc	ccgccggtag	60
ttgggtccgag	atctggcccg	tcattctcaa	cgtcttcttn	ggtgttcctc	tccctctgag	120
cgttttctct	atgatcatca	tctgtgtctt	taccgatctt	ttcctaagtc	tctcacttat	180
catggagaag	gaggaattcg	atcttctatc	tcttctctct	cgcaaccaca	agcgcgatca	240
tnttatcaac	accaagatct	acacccaagc	ctacctattc	actggtttca	tggaagaccat	300
cactgcgcac	tccatgttct	ttctctacat	gtggaagtac	gccaagatgc	ccgtgtcgga	360
acttttcttn	ctttttgaag	gttactcaga	gggttatcac	ggctacacca	aggatgagct	420
catcaagttc	aacaacactg	gccagtgtgt	ttactttgtc	acactcgtgt	tccttcaatg	480
gggtaacatc	ctcgtgtgtc	gaaaaccgcgc	ttgagtattt	tccaggctag	tcctttgagc	540
aaggctcacc	gcaacccttg	gttgattctc	aacatgctta	tcaagtttgn	gcattgccat	600
ttttgncacc	gaggtcctgg	aattcaaaaa	ttgtcgatac	aaantctggg	cccaatgagt	660
tttgggtcat	tctatctcct	cttgggatgg	gtattctggn	gggggacaaa	aataaaaagt	720
ntttgggana	aantat					736

<210> 912

<211> 361

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 912

ntgaactact	anttggcatt	ggcaaattgg	aanttggctt	gccacttatg	cgtttnggaa	60
gttcgatgac	ttttttnggg	gngaaactcg	aaaaacagtt	ggcgaaaaga	ccaanaaggc	120
tggtcttgaa	tacgagggtg	agtttgacag	cagcaaaatt	actatgaagc	gatgggcccga	180
gtttgagcgc	gacaagcggt	caagaaagtg	ctactggggc	tcgcgtgaaa	acgtgancgg	240

ggggtggngg gacaaacctg gaaaagcccg ccaggtcacc aatataatga ggagtattat	300
tctggatgct tnaattcttg gacgcctttt ggnttacngg atttaagnat ttttgaaaac	360
c	361

<210> 913
 <211> 592
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 913	
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attttttttt tcatatttctt cgcaaaacaac ctccacgtac ttgaagttac acaacttgcc	120
caaaatgect ctctgtcttg ccatectcga agccgacacg cctcagccgc aaactcgca	180
tcgctacggc ggctacacag gcgtctttac cgcactctc gaagcagcgg ccaagcctca	240
gaagctcacc gacctcgtca ccatacaagg ctacgacgtc gtcaatgagc tgcactcgta	300
ccccgcgtc gacgacatcg atgcgatcct catcactggc tcccgcacaca cggcattcga	360
caacgacctt tggatottga agttgggtcga gtacacaaaa aaggccattg cttcgaatcg	420
agtgcgcgtc gtaggcgtct gcttcgggtca tcaaattgtt ggtcgggctg aaggcgccaa	480
gtgcggaaaa agcaacaacg ggtgggaagt tgctgtcaca gaagttgaac tgacagccaa	540
gggtaaagaa ntatttgggt gggaaaagat gcgcaccccc cagatgcac gc	592

<210> 914
 <211> 548
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 914	
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cgaaccttcc gaaataccga catcatgagc ttctgcaccc gccgagcgt ctgcacgtc	120
attctctccc aggtcgtctt tcccgaaggcc attggcgccg cccctgatgc tatccgcatg	180
cagcgtgtcg tcagcttcta cnanaagctt ccccggtggt cgcccccgga ggtcaaggct	240
aagggtctcc ttggccgata ccaggccaag cacttcggca agaaccctac tgccaagccc	300
atcattcaat tgattgtctt ccttggcggg attgggttac cccaaaacta ctactttcat	360
ctccgccacc acaagaacaa cgtcactaa gcgatgact tttgatacct taaacgggtc	420
gttggtgtgaa aaggaacggg ggtcgtgtac atataaactn cggaaacttc gcgggcgaat	480
acgcgcctt aacttcctta tgtatctnta caagcaagtg aagggacact actatcacgt	540
tttgggtn	548

<210> 915
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 915	
cgcgacaaga ctacactagg actttttccac attgagcgt tgcaagagac aacccggaat	60

ctagagtagc	ttcagtagct	gcagtatgaa	ccagcgacag	cgacgaagcc	caccatgagc	120
aaccttcaac	cccccaacgc	cgccccagcg	tccaccccat	caccacagcg	caaggacggc	180
ctacgatacc	ccagcaatgg	aaagaccatc	taccacagac	cattaaacag	aaccaaggcg	240
gctgagctga	gccaggccag	ttttgcgtat	ctgtttggcg	agatggtgac	gtatgcgcag	300
aaacgggtca	agggcatcca	ggagctggaa	caacgtctta	acctacaagg	tcattctatc	360
ggcctcaaac	ttctggacct	cctcctcttc	cgcgaaccag	cgcgcacgca	aaccgcctct	420
ctaggcatta	ttcaactgct	acactttatc	aagcagaaca	tttggcagca	cctctttggg	480
cgacaagcga	aacgtctcga	gaagtctgcc	aaccccgaaa	cgcccgacga	ataccacatc	540
atcgataacg	agccctcgt	gaaccaatac	atcagtggtc	ccaaggaaat	gagccagttg	600
aactgcgcac	cgtttgtanc	gggcgttggt	ga			632

<210> 916

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 916

ctcacaaaac	aacttcaatg	ctccagtcga	aatgtcctcc	atcaatttct	ctccagacac	60
cgacatcccc	agtctcaatg	gcaagggtat	cctcatcact	ggaggaaact	ctggcctggg	120
tctggaaaagc	acccgacaac	tcttgaaaca	cgaccctgcc	aagattttcc	ttgcatgtcg	180
ctccaaagca	aaattcgatc	aagccatcgc	cgagctgcaa	gagcaaggct	caaatacaga	240
tgtgtgtgat	tttttttccc	tgaattcttg	ctcaacttgaa	agcattaaat	ctgctgtcaa	300
agaattccag	caacagtcga	ctcgctttga	cattctcttc	aacaatgccg	gtattatgat	360
gacacccgaa	ggcctcactg	aggaaggata	tgagggtcaa	attggtacaa	accatatggg	420
tcacgctttc	ctcactcact	ttttccttcc	tctgctcgag	gagactacta	agctcaaccc	480
tgatgtgagg	gttgncttct	cgccctcgatg	ggtgaagcca	tgtcttctaa	gaacccttac	540
caattcgagc	agttcaagac	taccatgccc	aacctatcaa	gctcatcccc	ttctctatct	600
cgaagctnng	caacgtccat					620

<210> 917

<211> 1092

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1092)

<223> n = A,T,C or G

<400> 917

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aagataccag	ccatgtttgt	tgaaatcagg	cttttttgata	cgccagtgtt	gategcctcc	120
aattcatctt	cogtcaaccc	ctttcgtgca	tatcgaaatg	tcacgatccc	cagactcgcg	180
gagctgaaga	tctcccaatc	attcagtttg	cgcgaattctt	cttctgctct	ctcagctaaq	240
caaaatccat	gattcaatcat	ctttccttagt	ttctcttaagg	caataacccc	cugtgtgaac	300
cagagcttca	tggcccgcgga	cgcaggagct	gtgagctcca	taactataatt	ccaaaagtgt	360
ggaattttct	catctctctat	cgcacacgcca	tgcgctagat	aatcgccctca	tttgcaaaagc	420
tggcaccag	gttggccttg	tcttttacta	acaaacaaccc	anaagctgta	ggtttggaag	480
gaagccattt	atgcocgtcc	atgacatact	ggtcggggct	acttttgagaa	ccatccaccc	540
gttttctgtg	aggtgttaagt	cgaaaaaagt	cgttttgaggg	gcccgtatgc	accatctaca	600
tggcagccaa	agttgtctccc	cgttttgata	tatccgagag	cgggtccaac	gggtcgatgg	660
cgcaggtatt	tgggtggttcc	gcaagtggcc	aaccaccaga	aaaggnacaa	ggccggcttt	720
tggggcctcg	ggtatcgggca	tcttcaaaaag	gctcgggttg	aaattgaagg	actcgtctgg	780
aggcaaaaata	cgaatctggc	ctttgtcgaa	accgagtnaa	cgcanggctt	tggcgacaga	840
ataatgaqtc	tggtcaaaaag	agataaacaa	cgcctttgtg	cgaatcgcca	tgtggacaaa	900

gcngtcgcga	gcgaatacaa	tggccattaa	attcgn catt	gnaccacccg	aaacacaaat	960
accnccccga	gntgaangga	attcnacttt	gggaagccag	ncactngatc	naaagttttt	1020
ttaatgaacc	ctggggcctt	ganggctgga	aattttnaac	anccaaggna	nttgaaangc	1080
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<210> 918
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 919						
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ttccaggatg	gctttctgacg	aggagaagaa	ctccgcacaag	tacgaaaaca	atggcagtgc	120
cggcgaaaag	taccttgccg	acaatggcga	cattgcccgt	ggacacacaa	ccgacaacgc	180
cgatgggtctg	caccgtctac	tcaacaacag	acagatccag	cttggttgcca	ttgggtggctc	240
catcggtacc	gctctcttcg	tgagtatcgg	tggtgggtctt	gccaagggtg	gtcctctcgg	300
tctgtttctc	gcctacacaa	tctactctgg	tatcctcgct	tgtgtgaaca	atgggtatcgc	360
cgagatgact	acttatatgc	ctgtttctgg	tggtttcctc	cgtctcgctg	gtcattgggtg	420
tgatgatgct	cttggtttta	tggtcggttg	gaacttcttc	ctttacgaag	gtcttctcat	480
tccattcgaa	atcacccgta	tcaaccttgt	cctgtcttac	tggagtcccc	agattacaca	540
anccgggncc	taccggtgg	catctgtant	ggtgtcatta	ntctataagc	tctcctcaac	600
atcttgggccg	tcaagggttac	ggtgaanc				628

<210> 919
 <211> 612
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 919						
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cgcacgaac	gagaccgata	gatcgattct	gccgacgata	caatggccga	cgaacaaccc	120
ggtggcagtc	accacactga	ttccatcgac	tcaaatgatg	gcccgaaagca	gccggacaag	180
aagaagagtc	gcgcgcctgc	gaataactgc	tttcgacagc	aacglnlaaa	ggcctggcag	240
cctatcctca	caccaaagac	tgctctgctt	ctcttcttcg	ccattggaat	tatatctgct	300
cccacggag	gtctgctgtt	gtacgcgagc	tctcaggtcc	aagagattcg	actcgactat	360
accaactgca	ttgncgatgc	tcccattcgt	agtagaggng	gaagcaactt	tacagcaata	420
cctggcagcg	cccgtcagca	ctgcattcaa	gagttctaac	aagttctgtg	aatgctcaat	480
gggcgcgcga	ggtcaacgca	gcccacgctt	gacacgggtt	taaaaacttt	caccctcgat	540
gccatcttaa	gtttaccatc	caaaaagagat	gggtcttcgg	gttttttntc	tcccctacac	600
aatctctacc	aa					612

<210> 920
 <211> 997
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(997)
 <223> n = A,T,C or G

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<400> 920
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tagtgcttct cgccagactc gggagcgctc acattggggc cgttggtccgc agaggcagca      180
ggaactgatg ttcccagagc accgtgacca gcctcaggag cggcagtatc anaagtcttc      240
tccttgccaa agaccttctn aagaccagca gccttgtagg cacttccacc gtgctcctcc      300
ttcttgagat cagcaagacg acgaacctcg gcgtggacct cttggacctg tcggctgccc      360
tcgggtgtaaa aatcggcaat cttcttnccg gtgggtgtgt tggaggcctt ctcaaagtaa      420
gagctcaagc cgagccacag gctgttggca cgttggaaga tgccgtagct ntcacgggtg      480
gccttggccc ggtcgggtggc gtggtacttc tcgtcgagac ccttgagggt gganaaaaaag      540
cggttggtga caccgtgagt ggcacgcagg tcaagancac gctggatggc ggcgtcacct      600
acgacgtagc cgtgggcgag gtactcggcc aggatacggg cgcggggcct ctccctcttg      660
gtgatctcgt cggagtcgcg atcagcatte ttggttgtgg gaacatcgte gtcaccatcg      720
gcgggtggcg tcggtgacct aagatggttt gtgcccagct ggtgtgtgtt gaggaggaga      780
gcagttctct tggcggcttc ctctcgaag atgacctctg cggactttgt ctgcgcgtcc      840
tgagtgcctt tgagatcttg gatcttgccg cagaagctga aaaagtcctt gatctcgctg      900
tcgctgggtg cgggggcgat gttcttgacg ttgatagtag agttggcaga catggtgaat      960
gtgtgtgtgt ttgttttgtt tagggggtat caaactt      997

```

<210> 921

<211> 627

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

```

<400> 921
acaaagatac atcgacagtc gaaaacaaca agcctgatcc gagatatctg acgcttctct      60
atagacagac ttctctaca atcgttcaat atgcccacgc cagtctcgcc aacggtgccc      120
aagaatggcc tcaccaaatt caccactgtt cgattgctga aaggcaacga tctggtctgg      180
gatgaccttt gggtcagttc tgtcaatggc aagatcgteg acagccaggc ctcttctac      240
ggtggcgcgt acatgcctga taatactatc gatctcggcg gtcgcacatc tgccccaggt      300
tttatcgagt gccagctcaa cggtgccttt gggtttaact tctcaactct cctcgatgac      360
atgaccgaat acggcaaaaa catccaaaag gtcaaccgtc tactggttag gacaagggtc      420
acatcctacc tcccaccat cacaagtcaa cggccggaac tataccaaaa gacacttcca      480
taccttggcc cgtcggggga actgcggatc ccccaccacg gaaccggaat ctctcggaac      540
tcaatgtgaa ggctctttct tgaaccttac caagaacgga gtccacaatg gtgatgtcct      600
naccgaagct cactctatcg aggacaa      627

```

<210> 922

<211> 552

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(552)

<223> n = A,T,C or G

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<400> 922
ttctggcagc aacccgggct acagtcacga tggctacgag glagcttcgc cgtcattcc      60
ccacgggtgtc tctgtggcgc tctccgctcc ggcctgtcttt cggttcacccg ccgcttcaaa      120
cccagaccgt catctggcag cggccgaggc ctttgggtgt gatatacga acgtgaagcg      180
agagagcgca ggcgaagttc tcgctgaggc catcaciaaag tttttggcag agttgggtga      240
ccagcccaaag ggtctgaagg acctgggctt tggcacggaa cacattgagg ccttgtgga      300
gggtaccatt ccgcaggcac gtgtgttgat gctggcacca ggattgtcta cagagctgga      360

```

agcggagaag	gaccagttac	gaagactggt	tgagaatgcc	atgacacatt	gatgatggtc	420
ggctctgaag	ataggagggt	tgattatcat	gcgggatatgc	gattgcgcgt	tgccgatcga	480
tgtgtttgac	tacaaaagg	atgtcgtgcc	actttatata	tttggatgta	caattgatct	540
actgnacaaa	tn					552

<210> 923
 <211> 616
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 923	
cttacctcta	ctgtgaatca atnggggcag aatgcaagaa catcaagaca agatcgccac 60
gtrggcagac	ggganaaaaag tggcgatatgc aatctacggc acagacaatg acaatgcacc 120
tacaaccttc	tacttccatg gtttcccagg gtctcatcac gaaggcggct cgacgcacag 180
cgcagctctg	aagcacgggc tacgcgtcat cgcgctttca cgaccaggat acagcgactc 240
gacattccaa	gacaacagat cgattctgga ttatcccca gacatcctcg agatagcaga 300
ttttctctcg	atacaacgct ttgccatcct tggagtctct ggcggnggtc cttacgcaat 360
tgcttgtctg	aaaaaattac ctcgggagan actcgctcggc attggcacgg nagctggatg 420
catgccccctg	tcattctcca cccaagggnat gcttgccata acgcgtatna tgttcaacgt 480
tgcgcgctat	gctacaacac ccctttggat gggatgata taaattacta nggagcacag 540
cccgcnacac	ggaacattcg gnaaaactgg aaanacatga tggatnaaga tgtaaccgcg 600
aaaacncccc	ccgacg 616

<210> 924
 <211> 581
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 924	
gtcccaccaa	acggttatct agccattgaa ttggtctgac tattatctac caataccttg 60
gcccgaatgtg	cccgagacaa gtctagatga gcctggcttg gagegctggc cgtgcctgga 120
gtcggcaatg	cctctcgcaa gctagaccat catggctcgc atgccacaat agaacactgc 180
tacgaatcgc	accacgactt gtcccagcct ttcgcgcata cgttctctcg aatacgaaac 240
ctaccccagc	cgaactcgag gctcggattg ctgcgattcc gattgaaaga taccgaaact 300
tttgtattgt	tgcgcatact gaccatggaa agagtacact gagcgatcga ctgctgggaa 360
tacacagggg	ccatctcggc aagtgatgcg aataaacaga tctggataag ctcgatgttg 420
ancgcgagcg	cngcatcact gtcaaggngc agactgttcc atgatcccaa attccagggg 480
gaanantact	gcttcattta ntgcataccc ctggccatgt caattccnaa canaagggtc 540
naaatctttt	gctnctgtgg tqgtgcattg cttcttqtca a 581

<210> 925
 <211> 778
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G


```

<400> 925
gacttgaacc agttgaatca aaacagcttt ggcttggcaa ctctcaciaa cccatatgga      60
gttccttcta cctaccccga tgtcaatgcg cctgtcgagg ctttcccga ccttcagcct      120
tcaggcgctg atctgtcgtc aatggctcct cctgccatca atattgattt cgcgcccact      180
aattccaagc aggggtgcttt tgatacacc aagtcgcgta tggaccaaga ctctttgacc      240
ccaccagaca gaggtcgctc tagatcccg cctcgtgcg tgaccgacc gttccatcct      300
ggcggcggtt tgctgggtcg ccagggaat gtcaacatga tgcgtcttc tctaggtgcc      360
gacttgtcag cgcgttcaga ctccagatct ttgtgcctc ttgatagaca agcaggcact      420
tcgccttcta ggagaagaca gtccacatca gcagtgccca acaacgtcat tgctttgaga      480
ctggcgggac ccgagtatca gaacaacccg gacaacggcg ccactaagcg tgttcagaag      540
caccagcca ctttccagtg cacgctgtgc cccaaacgat tcacacgtgc ttataacctg      600
cgctcacact tgagaaccca caccgatgaa cgctcttctg tatgcacaat ttgtggaaan      660
ggctttgcta gacaacacga ccgcaaagcg ggacgaaaagt ctgcactctg ggcgaaaaag      720
aaatttgtgt gtaangggcg atttcaaagc ccggagggtca atgggggtgc cgtaagaa      778

```

<210> 926

<211> 345

<212> DNA

<213> *Fusarium venenatum*

```

<400> 926
gaggggttac gtaacgcgca ggactttctt atggcttgcc ttgccattcc cgttgctcctt      60
gtcttctggc tcateggta cttctggaag cgacccagc ggcttaccat tgacaagact      120
gacctcgaca ccggtctccg tgagcacgat tgggaggaga tcaatgctta ccgtgccaaag      180
gttgctactt ggcccgcttg gcgcagagcc ctcaacaagt ttatgtaaga ggagcaaatg      240
cttatcttgc agactttctt gacattatac catcactact atacttgatt cctctgatga      300
ggattgctac ttataacct gttaatatata tgggtttatct tctat      345

```

<210> 927

<211> 628

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

```

<400> 927
cgaaatgaag tacgatcctc ctgcattagt ccaactcaca taaccctcag ggtatatgca      60
ttcttccacc tccaggatgg tgctaccgac gtctgtgatg ttgtgggtgt tgctcttctc      120
ggcgacaaag gatttgaggg acacgacctt gcagccagac ttgagggtcg aaaacattcn      180
aaccaggtea tegttagctt gcgatgtgaa ggcttgttg ttgacaayga ccacgtccgc      240
acgtttgagt gcctcatgga tgggcgcgtt cttacggaaa tcacctcgtt cgaaatgcac      300
cttgccgtgt cggactcccc acaacatgca acgcgcacat aactccttnt tntgttctc      360
ggccagggtt caagcattct ccatnatttc acagccccag ctttcacaac caatctcgag      420
ggccggttgc aaaaccacgt ttcgacacct gacccaaatc gacaaagacc tgaccagagg      480
tcattcgagt ttgctctacc aggaccttaa aaatgaatgg gtgtaaaaaag ttccccataa      540
acataagtcn ggttccgtct cgtacttttg agangagttc cccttqaaaq ccactqnnca      600
ggatataaatt tgatcaagtn tgaaanct

```

<210> 928

<211> 819

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

```

<400> 928
ttcaattcac tctcatctca aacactcaac cagaccaata aacaatcact taattactct 60
ttcaattcat caaccaccaa ccatcaacat gcagttcaag actctcctca tcgectctct 120
cagcgggtctc gctgtcgctg ccccaagcaa gaccaccgag gccaaagaccg agagctctcc 180
cgtccccaag accttcggcc tcatggctct cgcctccggc agccccattc acttcgccag 240
cttcagcgct actgagagcg gcttcgagct cctctcctcc aagggaagc agggcgccaa 300
gtgtgctggc ggcaagaagg aggatactgc tactttccgt ctgagcaagg ctactgagct 360
tgtcctttac aacactggca aagaaccagc agattgcta cactgaccga tcaggaatgg 420
gccaaagggtg tttccagtac actgactctg gtctctacgg tcgcaactca gagaccaagg 480
gctggaaggt tgacaagtct ggaaacctcg tcttcagcaa caacaacgct tttttcatgg 540
cctgccccgg ccagaaggac agcgacctt ggagcgtntg ggtctccacc ggtacatcgc 600
acctgggttg gaatgagaag gagtgccttg gttttaacgc ccgcgttggt gaaattaaga 660
aagctgtagc tgcacttact tttagtncag caartaaaag aatagagttt gcactggaca 720
tatgattggt tcagcttaga tacgatattc gtgtaaatac catggcaatt aattctttca 780
aaaaaaaaa taaaaaata aattctgngg ccttgacc 840

```

<210> 929

<211> 407

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

```

<400> 929
aatgtctcgc aatagtggta tcccttggcc ctcaactctc tgtggccaat ctctccaagc 60
tggctatttg tcaggctggg tgggttgacc acattcctga ggatatcttc actgccatca 120
agaaagatta cgataacctt acatggacta tcagtgaaga tgatgaaaac ctgagttggt 180
tcttcgagaa ggcggtatgt acttataacc acaacggtag agttttgttc taccgtggcg 240
ttgacgggtc caactctgaa gcccttgctc ctatcttcaa ggaattcctc tctcaatgac 300
gtgccgattc agaaagaaag gtaggatagc ttgagataga gatatagttg gtagatgtac 360
ctaatttgaa gacgatctta ctgggaaaaa aaaacnatna caagttt 407

```

<210> 930

<211> 680

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

```

<400> 930
ctttttctggt acctgatgc ccttccactc tccaatccca actttcaaca tccatctgac 60
atcaaacaaq cctcttttta tcatcaqtct attacactta tcccttgaac atcatcaaca 120
ttgtgggttca acagacatct attaaataac aagatatctc tgaaggaaga actgcaagca 180
tcattccatct tccgttttgtt acttaattct actacacctt cacaatggcc aagcgcatca 240
ccaagggaatt tgcgaaaatt tcccaanata cccctgaggg ctctcgggtg gctctgcctc 300
ccaagatagc tatccacaca tggcacgtca ccttaacggc gcccccctcg acctctacc 360
acctaggcaa attcggcatc ctctcaacc ttcccaacga ctaccccttc aagcccccg 420
tgttaaaatt tgttacctcc atctaccacc cttaattgtac aaagataaat ctgggaacaa 480
tctgcttggg tctctttaa aacagatgctt ggaagccag caccaagctc tatgcggttc 540
tggaagcgct tcgcaacctc ctggaaaanc ccactcgac agccctctcg aanatngcat 600
tgcgagcaaa taccagaacc ggaccggggt gggtttgatc aagcggtgaa acagcatgtc 660
aaaaataccc atggaaccac

```

<210> 931
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 931
 attccccgga gctcaggagg agcagacatc caactcagat tcttcgaaga ggacagtcca 60
 cgagcgggtcg tgacagtaaa gggccaaccc tttgctgctg tcatggtaga cttacccacg 120
 attactgagg cgatgaagac ctgggaccga aagtcgttcc tcaaatctgc cgatatttgc 180
 caaatgcttc tgggtctacgc caagatttcc agcgaagccg aggctagggg agcgactctg 240
 cngagcatga tgcagccagca tttcagatgg ccacacggcc tgcagccacc catgcacgat 300
 tgggcaaaac gacgattcgc aaagactatc agtcgttaag agattgagga caaggaagcg 360
 gaagtcgaac gcttgccttg tgaggacgct aaggctggtt cgacgcgctg ggaatgggtc 420
 gacgagacca aggacgatga cgatgacggc gccgacgaag atgcagacgg tgagattgac 480
 gacactatgg actacttcca ganccaggat ggattgttcg gcggcgaagg tgaaggtgac 540
 aacaactaaa anccgacctg gaagccgctt ttcgctggaa aantcagcgc c 591

<210> 932
 <211> 645
 <212> DNA
 <213> Fusarium venenatum

<400> 932
 tactcatata cacttttcaa atgaaggaca atagcgttcc tctttacact tcgccccaat 60
 tgggcccagac ggtgacaaac tatgcggaac aacactcaac agcgttgccc aagtatatca 120
 ccgattatca tgcagacatc tctgctaacc gtgatgactc aaactacatg agctctgtgt 180
 tccaatctca gtacaatata tttctggtea agtccactgg tgccaagagg gtccctgaaa 240
 ttggcgtcta tgttgggttc tccgcccttg tctgggctga tgctgtcggg cccgatgggc 300
 ttgttaccgg gttggaattt gagcctgagt atgctgaatt gtccaagaaa gtctttgagg 360
 caaacggcgt caagaatgca gagatcatta tcggttccgc ttctgaatct ctccccaagc 420
 tcaacccttc tgagccttat gaccttgtct ttatagacgc ggacaagact ggctatcctg 480
 gatacctgaa acaacttctc gaactatcga agcccggtag ttccagcagg cttcttcgcc 540
 caagaacgct cattgtctcg gataatgtcc tgcgtcgagg cttggggttc cgatgacaag 600
 gcaactcgggtg acgatgagct ttccggggaga acaagtggga aacat 645

<210> 933
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 933
 ctactactcc cacaacttcc aagactcata cactaacttc atgottgaac agaaggaatt 60
 cgacaacaag gctgtttctc gtgcttctat tctcatgaag actgggtgctt gcgttggttg 120
 tacaatcatt gggtacttga gtcaattcgt tggtcgtcga cgtgctatct gttgctcggc 180
 ctteatgtct gctcttctca tccagagctg gatactcgcc accctgaag gtggcctaag 240
 tggaggttgc tcatgatcc agttcttcat ccaaggcgcg tgggggtgca tccctatcca 300
 tctcaacgaa ctgtctcccc ctgccttcag atcctcattc ccaggggtaa cttaccaaatt 360
 tggcaatatg atcagcagcc caagtgcaca aattgtcaat gctgtcgccg aaaaacatt 420
 tgnactctc aanaatggcg acaaggtcga ggcatacgga cctgtaattg gcgttgccac 480
 aactatcatt gctcttggtg tcatcttcac cactatgttt ggttcggaaa aagcgtggac 540

gtctttttgan catgccggna ctgggtgtnc taacgacgag ctttcttaac attaaaaaaa 600
angatttcga gactgcaagt gtgganct 628

<210> 934
<211> 413
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 934
gcgnntgato tctggntgga ccaanggcag taatggctac tgcaatagcg agctcgaaat 60
tggtagctgc ggcgtgtaaag ctctgtgttg tnggaaagcg ggtatncaaa tccaaggcgt 120
cgggagatga qtagcgtonc aaagaagatg accacaaagt aaacgattaa aggcgcgcgcg 180
acacgcacga cggacacgat ctggngaacc acttgatggc cttgcgaacg aaaaggatga 240
ggatagtgtg tagcanaccg ataagagacc aanggggaaa taatgcatat aaagactcgc 300
tcataccact caagtccanc agcttgccga gggagaagcg agtatcattg cggcagcgaa 360
gggaatnccc agaaanactg ctaccttgtn ggngacagtc gaatatgaca ctt 413

<210> 935
<211> 532
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 935
cgccgcaccc agttcaaggc gaagaacacc ttcaagcctg aggaactccg ccgccgtcgc 60
gaggagcagc aagtcgagat ncgaaaggcc aagcgtgagg agaacttggc caagcgacga 120
ggtatcggtg ccggtgagaa ccgacctggt gcttcccttg gcgctgcccc tgatagcgac 180
gatgagtcgc ctctactga atctcagttg aacgaggatc ttccccagat ggtgcaaggc 240
gtttttctcag accagatcga ttccgcagatt caagccacta caaagtcccg aaagctccta 300
tccaaggagc gtaacccccg atcgangagt catcaagacc ggtgttggtg accgctttgt 360
cnattcttgc gattccctca cancttgtc aanttcangg tgcttgggccc tgacaacatt 420
gcttccgttc tgcaaccaa ccaagtctca tnaggccggg gctgtnccaa tttctcaact 480
tcttgcaacc cnagccccatg ttaggaacaa ccgtctgggt cctggnaaat cc 532

<210> 936
<211> 582
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 936
acaagtcttc caagatcgtg cncgtgcttg tcggaagcaa cactggaaaa gaggagaagc 60
cataaggcga gccctgctgc catatgttag ggacctgag aacgccttta ttatcagttc 120
cgacttctgc cattggggcg ataacttcgg ctacctccct tactctgcaa ccaatagtc 180
ttctgatttg aagcagctaa agaaggaaa ccccaagccc aacggccccc caatccatga 240
aacgatcaaa gccattgatc aagcggccat ggatgccgtt gagagtggcg atcatgatgc 300
attcactagc actctcaagc ngnccaggaa cagcgtgtgt ggacyacalc ccacgggtgt 360

tacaatggca	gcaactggagt	tgctccgaaa	ggaaccgatt	tcgaaaacaa	aggacaattc	420
agtatcatca	agtacgatcg	gagcaacttg	ggttgangta	tcttgatgac	atgagtntng	480
agctacgtgt	ctgcttatgc	tgtactttga	nggatgtttg	gcaggactga	atattgtaat	540
tgctaagctg	gggaaggcgg	aaagcttgct	ggaattgaac	ga		582

<210> 937
 <211> 600
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 937						
gatttatatg	cagacttgtc	gcatgaacaa	tcttttgaca	aaggaccttt	gagattcata	60
aaaaccaaac	atcgatcgct	ccatcaatac	aaggcacaat	gcgacctggc	gttagaagca	120
cagtagagcg	ccttgatagg	cccagcgctt	actatcagaa	ccgcaacaag	cgaagacgcg	180
atcgcgatga	cgataacaac	caaccacaag	agccccaggt	cgatcctttg	gccaatgcca	240
caactctcta	tggtggcaac	ctgtctttct	acacaaccga	agaacaagtt	tacgagcttt	300
tcgcaaagtg	cggngaaatc	aagcgccctg	tcatggggct	cgatcgttca	acaaaacgcc	360
ttgcgggttc	tgntttgtcg	agtattttaca	caccangacg	ctcttgattg	gttgaagaca	420
tcggngggca	aaactngacg	aacgcattat	tcgacctgat	tgggacctgg	ntttgaggag	480
ggccgcctta	ccggcggtgn	aaatttgggg	gncaagtncg	tgacaagtcc	ncaaggcttt	540
tacaagggaa	aggaggaatt	gtaggggatc	aagcccagga	canacaattt	ttttngggaa	600

<210> 938
 <211> 506
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(506)
 <223> n = A,T,C or G

<400> 938						
gcaacttctc	gatattcttg	ctgagcagga	cctcgaggac	tacaacgact	tcaacgatga	60
gcaccagggc	tgggtcgaga	aggagagcct	ggaccacgag	aagctccacc	gcaagatgcg	120
cctcttgaca	ttctccagct	tggccgcctc	cactcccagc	cgcgaaattg	aatattccaa	180
gataaccaag	gctctgcaga	tccccagga	tgagattgag	atgtgggcta	tcgatgtgat	240
tggcgctggt	ctcgtcgagg	gtaaaatttc	ccagcagcgt	caaaaagtcc	tcgttcacaa	300
ggtcacatac	cgtgtgttcg	gtcaaaagca	gtaccaagaa	ttggccaacc	gagtcgacca	360
ctggaggaca	actctgcaga	acgtccttgg	cgctctgcgc	caagaacagg	tcaatgccaa	420
ggcccagaan	gancgcgaga	tccaggaatt	ggagcgaaa	gtcccaacgt	tggtatgggc	480
ggtgcccagg	aacgacgccg	acagaa				506

<210> 939
 <211> 440
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 939						
catccgcgct	tacgaagctc	ggtgttgggc	gtttggccac	cactgcgggtt	gcctctttcta	60

tacagggtca	catcgactcc	ctcatcagca	attccagctt	ctccagcaac	cctaccaccc	120
gtcaggctat	cttggaagcc	gcctcgagca	ttcttagcga	taagttttac	agcaccagcg	180
accaagtgga	aaactgcata	aaaccctata	aattcgagat	cgaactcgag	aaccaggagt	240
ggactaaggg	acgtgatcac	gtgggtgctg	tgttaagaa	ggagctccag	gactgcgaga	300
gagccttgaa	aaacctcgag	gatagtgtcg	gcggaagacn	aaaaatcaaa	gatgtcatga	360
cctacgtcga	taaggcccg	aagggtgagg	tcgtggttga	gggcgataac	cgtagcggcg	420
ccggtggctt	caacgtgct					440

<210> 940

<211> 762

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 940

ncttgctggg	ggttactcat	ggctaccagt	ttgttcatcc	tcagtgttgt	caaaattcta	60
ccagatcctt	ctgtcgact	cggtcggtgg	cggtttagna	ggcgccctgc	tcaattctcc	120
ctcctatgca	tccatcgccc	actgggttcga	cntccgccgt	gggtcttgca	acaggctgtg	180
caatgactgc	aggatcaatt	gggcgggtatc	atattccccc	gtcgttgctg	caaaagctcc	240
ttcccacaat	tggctttgca	tggacnactc	gtatcttggg	cttcatacat	ttgggtctta	300
ccgtccccgc	cacactcttc	atcgatcac	gtcttccgcg	acaaaacaaa	agtaacttct	360
gtctggccgg	aacttgaaca	tctttaaaga	cctcaagttt	acctttgctg	cgtttgggat	420
cttntttatg	gaatggggtc	tnttcgtacc	attgacgtac	atcgtatctt	acgctggtag	480
atactctggc	gatgcccaata	gctcttatac	gctcatttcg	attctcaacg	ctggttcatt	540
gctcggtcgt	tttctccccg	gccttntggc	cgacaagatc	ggccgcttca	atgtcatgct	600
tcttaccctt	gggctgngca	ttctctcggc	tttcgctctg	gggctgccag	cttggtnatt	660
tccaaaccat	tgatcatccc	ttcgcggttn	tatttggttt	tggctctggc	tccacctggg	720
ttngacacct	gtntgngttg	gtcaactttg	ngatccgggc	ga		762

<210> 941

<211> 345

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 941

cagtataaac	tttcgattat	aagccacacc	taatctaagt	atatatatcc	aatcaattgt	60
acaaaaagta	gtctggaatc	atgggtgtca	atcggtgctg	tgtatgtgag	ggtcagagta	120
ctcgaaggca	gattcaatga	cgaaagccga	tgggtaacca	gccttgagg	cagaagcggtg	180
gtcqqagcag	gcataatccac	acttgggtctc	aacccaagga	atctcgcagt	actcctcaac	240
aacqqtctta	ataaaqqtta	caaqqccqaa	tcaacaaaqt	caaqtatqaa	caccaacact	300
ttcgggctgg	tcggngtcaa	gagtcttttg	gattaaccag	tnagt		345

<210> 942

<211> 356

<212> DNA

<213> Fusarium venenatum

<400> 942

ccgtcgtgga	cgtgtgccag	aaggacggca	agattgtcat	catcggtggg	ggtgacaccg	60
ccaccgtcgc	caagaagtac	ggtgttgagg	acaagatcag	ccacgtctct	accggcggtg	120
gtgccagctt	ggagctctct	gagggttaagg	agcttcccg	cgttactgct	ctgtccagla	180

agtaaataat atccaatact gttggagtag gaagtatatg aacctgttga tgacggggaa	240
tgaaaatgga aaaagggttg gcaggcaagg ctagtctgta gcaaaccaga agaaagtaat	300
tgaataccaa ataccaatag aggcgtaaaa ccgcatcaaa taaaaaaaaa ttttat	356

<210> 943
 <211> 629
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 943	
cagcagtcga gccaacaggc tcagtcacac cagcagttgc agcaacaatt ccaacaacag	60
caacagcagc atcacctgca acaacagcag cagttacagc agcagcagca gcagcagcat	120
cagcaacaac ttcagcagca acagcaacaa cagcagcagc aacagctgca gcaacaacat	180
catcagcagc aagttcaccc acaacatcag cagcagcaac aggcctcaat acacccccag	240
cagcagcagc tccgcacccc ccaacaagag caacaacagc tncagcagc acaacagcat	300
gaacagccaa gagctcagtc acatnagcag ccagcgcccg tcaacaaaag cagcagaagc	360
agcgtgatca caaagagagc gcagagagat caacaagccc agcagcagca gcagcagcag	420
cagcagcaac aacaacaaca gnaggaacaa caacaacttc agnagnaaca acaacaacan	480
gttnggacca acacacaaca caacacagct tnnacaggaa aanagaggcc agcagcagaa	540
cagaggagcc cacagagaaa acngccagag ggncaagaaa gcttttttta agcatcanaa	600
cggggngggc gcnaaaanaa acggtgttn	629

<210> 944
 <211> 614
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 944	
agcgcgctgg ggcgtaacct gatgtgcagc ctacacacat tcggttcttg acggtacaca	60
cctcgacaaa taatcctaag gcgcctgtga naagaggtgc gaacccaact ctgcgacaga	120
tcctcagccc catgggctca actgctctca actctactca aaggagcgac gctttctact	180
ttgaggtgct tgagattagt cttacggagc tcgacaccaa gaagagtatt aaagttacct	240
tggtgagtga ggggtataaca aaggaggata cgtacgacct gctcgctccg aagactggaa	300
ccatggatga cttggttgaa gctttgataa agaaagcaca aatttctagt gaagccgaaa	360
ggggaagaat tcgcatctat gagacgagct caaaccgttt ntatcgtgaa ccttctcgcg	420
atcatcccg tattaacctg aacgagtcnc gacagtctac gcanaacgaa gttcctcang	480
acgagatcaa cgcgcgcgac aatcaattcg tccaagtttt tcattaccaa aacgacgtca	540
gcgcgctcca cggggtgccc ttttaagttnt tggtcattgn gggcgaaact tttgcnagcn	600
cccaadaaaa aact	614

<210> 945
 <211> 652
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(652)
 <223> n = A,T,C or G

```

<400> 945
gcatgttgag cgcgccaggg gacttggtcga tacaggcggt gactgggacc gccgcaaccg      60
cctcaaggcc tacgagggcc tgcacctgct caccgttcga tctacaacc tcgctgcgcc      120
gctgctcctc gactcccttt ccaccttcac cagttacgaa ctctgcactt actccaacct      180
cgttgtgtat tccgttctcg ctggttcagt tccctcaag cgagtcgatt tcaagtcaaa      240
ggttggtgac gcaccagaga tcaaggcaat tcttggtgat ggtgaagaca agctgctagc      300
tcttagcggc gctctcagtg ccggcccagg tgctgatgac actaccggcg cgaaggcacc      360
taagacggcc accgctgctg tgaacctgac cacctgggc tcaagcgctg atcagcccga      420
agctgagatg gccattgact tcagccctt ggcccttgct gtcaagcagc ttgtacaaag      480
ggcgactaca anggcttctt cacttctctg gccaacgttg aggangcgtt nctgaaccaa      540
gatcgctact ttacgagcac aagaactggg tcattcngga gatgcgaaat ttgcgcttac      600
caacagcttc tgnaaaagtt accngttgn ccggccttga aagcatgggc na      652

```

```

<210> 946
<211> 613
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

```

```

<400> 946
gtcgtcgtct tattaatcag ttatcttttt ttatctacta tctttaattc actatgaagt      60
tcttcagcac tcttagcacc cttgcggtgg cctcatgat gagtggcgag gctctggctg      120
gtacctacaa ggggtttcagc attggcgcca acagggtgta tggtgccgtg aagtgggagg      180
ccgactggaa gaaggatttc caggccatca agagctggaa caagggtttc aacgctgttc      240
gtctgtactc tgccctctgac tgtaacacac ttgtcaaggc tgtccccgct gccaaaggcca      300
ctggcatgaa gatccttggt ggcgctctgg ccaccgatga tgtcacttc ggccgcgaca      360
aggccgcctt cctcaaggct atcaagcagc acggcaccgg ctggatcgcc gccatcagtg      420
tcggatccga ggacctctac cgtgaggaca tcttcccccga gaagctcgca cagcagatct      480
acgacgtccg aggcattggt caccaataca acaagaaacc tcaagggtccg gacataccng      540
acacctggaa cgcttggtgc gacggnccga aacaacgtcg ttacccaagg cctgcgatat      600
cgccattaca aac      613

```

```

<210> 947
<211> 428
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

```

```

<400> 947
caagcaaaatc attcaccatg ggtaaaagttc acggatctct cgcccggtgcc ggcaagggtca      60
agttccagac tcttaagggtc gagaagcaag agaaagacaa ggtcccccaag ggcctgtgctc      120
tcaagcgctt caagtagacc cgtcgatttg tcaacgttac cctcaccggt ggcaagagaa      180
agatgaaccc caaccccggg tcttaaaacga ttggttaaaa acgacaagat ttgcgggaatc      240
gggattgttg gcttgccggac cacaacaatg gttgacttca ctacagtaatg ggatgatgga      300
ttgggtcggt ccgggtcgcat ggataggctg agccccctta tgaaataaaa aaggaaatgg      360
caagaagcgg ctacgacctt actcggcgct ccgtgtcagt tctcacaatg caacaaacat      420
cgttctgc

```

```

<210> 948
<211> 365
<212> DNA
<213> Fusarium venenatum

```



```

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 948
atcttacact cgtgttgacc ggcatacct cgaaaatggc tcccaagaca atcattgccc      60
cctctatcct gtcggctgac tttgctcagc ttggccatga ctgtgcccgc accatggagc      120
agggcgcgga ctggtcccat gtgcacatta tggacggcca ctttgttccc aacatcactt      180
tcggctcctcc tatcgttgct gccatccga ggccacggtt ggatcaagcc caccgaggcc      240
cacgggtcgg ggcacctttt gattgtcata tgatgatcgn agaagcccaa agaaatgggg      300
tcaagggaat ttaaagaaag gctgggctgc aaccttttac tggctttcca ttaccgaagg      360
gcggg                                           365

```

```

<210> 949
<211> 623
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 949
gttggttgcc attatccagt ttcttcgtca agcctgcaac gccattcgca accaagaggg      60
tgcagatgga agcatgctcg gatacgcctt gttctgttgt gtcggatgtt tgttgggtct      120
tttggagtgg gctgttgagt tcatcaacgg ctacgccttc tgtcacattg ctctctacgg      180
aaaggcctac tttgcggctg ccaaggatac atggaaagat gatcaaggga ccgaggaatt      240
gacgctttctg atcaatggac tgcctttatc ggaccgggcc ttttcctttc ggcgccctct      300
taatcgcaaa cngcctgcac cctcctcgcc tanctctacc tttacttcac cgaccnngct      360
acaacaagcg acggncaata caccgggtgtc gtnttggcct tttccttccct catcggettcc      420
aagatcgaaa acgtttttaac cacacccatc tccagcgggtg tcgaaaccat tttggtcgct      480
totgggttgg gacccccaaag gtatgtggcg cgaacacccc gagttgacaa cgagatgggc      540
aggggtatacc ccaagggtca acangtctat tcaggacgcg ttaaattgggg aatgtnnttg      600
atcggaaaaa aactggattt ctg                                           623

```

```

<210> 950
<211> 602
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 950
cccgacttgt tcattttctca acaccaactt cagtttatca ccatttttcaa ttcccacgtc      60
aaagtogaag actcgggaat taccgagaagc ttgttctctg cagcttcttg cctttgaagt      120
ttccttctct cgtcctcgtc gacaatctac cgtctctctc tcgacttttg gtcaattggc      180
tgttcaacaa agttacatca tgtctcgcat ccttcgaccc gaagctcgcc ttgctgcttc      240
gactcgaggt atcgttgctc ccgttgctcc ttgggtgccc cagtctgcca tcacccgccg      300
tgtctctggg cgaacccgtg ttttcgggtc cgcacagann cgtatctabg ccgacaacaa      360
ctccggcgctc aaggagtaca ccgtccgaga tggctcaac gaagctctcg ctgaggagct      420
cgagcagaac gagaaaggtt tcattctcgg agaagaagtt gcccaatada acgggtgcta      480
caagggtgac aagggtcttc tcgacccgtt cggcgacaag cgttttnatg acaccccatc      540
acccaatctg gtttctgttg tctcgtctgc ggtgctgccc tcagtggctt ccacccgttg      600
gt                                           602

```

<210> 951
 <211> 585
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(585)
 <223> n = A,T,C or G

```
<400> 951
ggtggcgaac gtgaatggga ccgcgaccga ggggtcttccc gtcgagatgc caggcgcgac      60
gacgacgaac gaccaagcag gcgagagcga gacccgtacg acgatcgccg ccgtggagga      120
ggcaggggacc gacgtgagga tagattcccc ggcgcctcagg aacgtcdaaa ccaagcccg      180
ccccaaaaga agcgagaacc aactccccg ctgacdaata tegtgtctgt tctcgagcgn      240
aaccgtcgcc tgacacagtg ggatatcaag cctccaggct atgacaatgl tacggccgaa      300
caggctaage tctcgggcat gtttctcttt cctgggtgctc ctcgacagca acctatggac      360
cccagcaagc tccaggcttt tatgaaccag cctggggggac aggtcacaag tgctgggtctc      420
aaggcgagca actctcgcca gtcaaagcga cttttggttt ccagaattcc tcttggcaca      480
agcgaagatg cgtcatggtc attcttcaat ctgcaactta acggactgaa catcatcgac      540
accacagacc cctgtgtttt gtgtcaattc tccaaacnaac ggtca                      585
```

<210> 952
 <211> 500
 <212> DNA
 <213> Fusarium venenatum

```
<400> 952
catctccatg cgtgctctcc tcaaggataa ccttgagaag ctcggtcca agcacgactg      60
gtctcacatt accagccaga tcggcatggt tgctacact ggcttaactg ctgaggagat      120
gacccgtctc gccgaagagt tctccgtcta tgccaccaag gacggccgta tctccgttgc      180
tggtatcacc tctgagaacg ttggccgcct cgctgaggcc atctacaagg tcaagggtta      240
agtataaag agtagcagct taataaaaagg aggatgtgtg ctaggaaaac ggcgtcgcgc      300
caaacgaacg acgccttgaa atcaacatca cgctacgac agaaggctgt cggctcgggga      360
cagatggatt gaaaataccc agatcttgat ctagggtcaag tgcccgaactt ggccaattaa      420
tgacgcggtg aagacagctt gaaaatatat gtatgagtaa actgaatata aaacacgaag      480
ctaattgtgtt gaaaaaaaaa                                     500
```

<210> 953
 <211> 311
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

```
<400> 953
ttccactcta tcaacttatac cctcccatca cataatatag cccatcatgt ctggccctgt      60
cggggatctg ggtcttatcg gcttgtgtgt catgggacag aatctcattc tgaacatggc      120
tgacaatggc ttccatcatc ggccttccaa ccgaaccgtc tncaaggncg accgattcct      180
tgannaacgaa gccaaagqca aagtccattg ttggccccac agcgttgagg agttcgtcaa      240
ttaaactaan tctctcccggt gnatgcctct ttgthaaagct ggccaagctn ttgattactg      300
gattgaaaaa a                                           311
```

<210> 954
 <211> 606
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 954

cagagatcca	catgaaagat	tatactgtcn	ctgcaecggga	tggattttgct	ctggaggtac	60
gaacttataa	accacctata	gccgacaagg	acgcccgtct	tccgatctac	atccacctcc	120
acggtgggtg	ctatgtatth	ggaaacattc	cttcagaaga	cgctatttgt	accgccattg	180
ctcttgagc	caacgttacc	gtcgtgaacc	tgaactaccg	ccatgcgcgc	gactttgect	240
tcccaacagc	gtgggacgac	accgaagaca	ctttccactg	ggttcacgac	aacattgatg	300
aactcctcgg	caacccaagc	caagtcttag	ttggcgccnt	ctccgcccgt	gcccactct	360
cagctgcctt	gacactgga	caaaatatgt	cgtccgatga	cttttcacna	cctaagcttg	420
cgggncagg	gttgatgate	cctgcctaalt	tcacccggat	tcctaagcgc	cggttctcga	480
acagctcaaa	gaccttcaact	atcatcatat	gtccagaang	cggatgctcc	actcctccaa	540
caaggcgng	gtggacaagt	ttaccagccg	ntaaaatttc	gaatccagna	tctcanggga	600
tagaca						606

<210> 955

<211> 607

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 955

aaactttttc	cctttcttct	cttatttccca	gcctttttat	tctttacagt	gtattcacaa	60
tcctaatacc	gcctaatcat	gcgtcaaaac	ctaccgacac	aatccgttgc	caacggtgat	120
ggacaggatt	tgtaccttcc	cgacaacatg	ctcgctcgcc	accccagcaa	gcctcatatc	180
ggcagcctgg	aggagtacca	acagatgcac	cagctctccg	tgacggaacc	tgatgctttc	240
tggggaaacc	tcgccgcgac	cttctcacgt	gggagcgtga	ttttcacacc	gtcaagagcg	300
gtctctcatc	gagggcaacc	cttcttggtt	tctgggcggg	aagctgacgc	ttttttnaact	360
gcgtggaccg	gcctgcgctc	aagaacccaa	caaggctcgcc	atcattacga	gactgacgac	420
ggcaccaatg	gcaagtccat	acctacggag	agctcttaag	cagggtcaaca	aggttcatgg	480
ctcttaagga	tctcggcggtg	aaaaaggcga	caccgtgnca	ttacatgcca	tgattctgag	540
ntntggcgca	tcttgctgtg	ccgatngggc	ttgtaatttg	cgtttcgtgg	atttantggt	600
cttaggg						607

<210> 956

<211> 513

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(513)

<223> n = A,T,C or G

<400> 956

caatcagcag	caatggcgaa	gtcaaagaac	agctcccagc	acaaccagtc	gcqcaaggcg	60
caacgggaac	gaatcaagaa	gcccgaagact	tcccgttacc	cttctcttaa	gggtaccgac	120
cccaagttcc	gacgaaacca	tcgacatgct	cttcacggca	acatgaaggc	cctgaaggag	180
gctaaggagg	gcaagcgcg	gactgtctaa	gcactcggca	aaggaatatt	gaggcgtaaa	240
tttggagcat	tcgcattgct	cggttacggc	atacacacga	tagaacctgc	gcaaatgaac	300
gatggaaata	ccatacgatt	agccccgacca	aaaaagggtg	tggatgtcga	tccgtacgic	360

tcggcggaatg atgtttgtgac agtcccgagt aaagcatggt gcttggtttt tcaggaacat	420
gaggtganta cccgaaactc tgcttgaact ttnaanaaaa aaaaaaattc ntgnngcggt	480
ngactttgct ttinnaggcca attcgccat ggg	513

<210> 957
 <211> 583
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

.100: 957	
atgattcca accaagtgtg taccttcctg cagcgacttg ccggtaccaaa tatecagcat	60
gctgacctac tctgccgttt ctacaccaac cgcagtcgct tcttcgacgc agccgaggta	120
caggccgaaa cttgctaact ccgatttccc tatcagcatc aaggatcgaa atcagattgc	180
tcagcttggc caaggctaact gccaacgttt ctacgactgg tattagccga cagcagcaac	240
agatgctaaa ccacagcgtt actgagttgt tggagattgc acacatccag gacgatctgc	300
ttgaacgatt gagagccgac gaccgtattg atcccagagan gtctattgag attgangatg	360
ctctcaaggg caagatccag ggtctctccg agcttttcaa cgactatgcc gaccaggctg	420
gttactacaa cctgtgtttg ctcatctacc atgttgccga ttaccgtaac cacatgacca	480
tctctggtac atggaagcaa cctgatccag cagacacaca atgaaantct tgtctcggct	540
anaaaatgtc tgaacctgga atgccctcgc caccactacc cta	583

<210> 958
 <211> 445
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 958	
tcaacgcctg caccatgccg agccacaagt ctttcogaac caagcaaaaag cttgccaaagg	60
cccagaagca gaaccgccct gtgcctcagt gggttcgctt ccgaactggc aacaccatcc	120
gctacaacgc taagcgaagg cattggcgca agaccaagct cggatatctaa gctacctctt	180
ctcaacgcgtt gtccgccccc agcaccgcgac tttctctctc ttgggcattg tatcagatg	240
atgtttaaagg aaagggtgga ttgatttgtt atggcgatgaa ctatgggacc gtgtcgttag	300
cgcaacgcga tacacacggt gggggatggg ccggatgcct ggtttatcga ttatcgcggt	360
tactgnatgt cacggacngt catagggaaa aaggaatgca aaaatctgat gcccaaaaag	420
aaacggcctn aaaantatnt atttg	445

<210> 959
 <211> 816
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 959	
castcatcca accttaatac gctcaactac tccaaccaaa caccaggcac caccaccacc	60
aaacgccaat atgcagatca agtctcttct catcactcct ctctgcgcgc ctggcgctgt	120
ctctgctgca cccaaggcta gcagcacccc caagactgtc aacttccaag gccttgccct	180

ccgatctgct	tctcccatcc	acttcaacta	cctccaggct	tccaaggagt	ctttcgagct	240
gaagctcaag	aaccaggacg	ccagctgcta	cgacaccaa	aagcacaacg	aagccacttt	300
ccagctctac	ggcgatgagc	tctggtctta	ctccaagggc	aacccccgcc	agcaggcata	360
cgttgacttt	tctggcatgg	gccaggggcaa	gttcgggttac	accactggtg	ctcagcctat	420
ccccagaac	gctcagcgaa	agggctggaa	gatcgacaag	gacgggtttcc	tacctgcgac	480
ggtgccagct	tcgtcgcttg	ccccaatggc	gacaacctcg	agaagacttc	ttggtctgtc	540
tgggtctaca	acaagcatca	acaaccccg	tggcaacaag	aactgtttcc	cttcaccgtc	600
aaggctgcca	aggttgaaaa	cctgtcgctt	gcattgtactc	ttgttatcca	gcccancgag	660
taaatttaag	gttatgttgg	aatgtttcta	gtatatattt	ttgcaaaaac	tttacgacgt	720
cgttggatat	agagagcgag	atgtgtttca	ggatattaag	cgttttgatt	tggttccagt	780
acctgaatta	atttattttc	aattttgaaa	aaaaaa			816

<210> 960

<211> 569

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(569)

<223> n = A,T,C or G

<400> 960

gtcactcact	ccactccttc	cattcaaaaca	ttattgtttc	tgattttccaa	accaccgggtg	60
agattttaatc	tagtaggtgt	ctacctatta	tttatttggg	attccctcat	aacattatga	120
cttcgacaac	caagccaact	gtgaactaca	gtctgtacct	ggtcacagac	tcaacaccag	180
aaattcttgg	tcaccgcaac	ctcgaacaag	ttgtcgagga	gtctttacga	ggcggcgctca	240
cgattctgca	atacagagac	aaacacagtg	aacgaagcgt	cgctgtagat	acagccaaga	300
aactacactc	cctcgctcgc	cggtcaatgt	tcctctcctc	atcaatgatc	gtgttgatgt	360
cgctgttgaa	agtaggetgt	gagggcgtag	acattggaca	agatgatatg	gcatatgagg	420
aagcaagaaa	gottctgggc	ccaagtataa	ttattggagg	tgaccgcaag	cttccaagga	480
ggaagccttc	aagnttgtga	agccngtgct	actatctcgt	atcggactgc	tattccccca	540
gacaaaaaaa	gacacaaaat	catcattgg				569

<210> 961

<211> 635

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 961

cttgaacgac	gtgccatctt	ctccaagaaa	tggatcttgc	ttacccacaa	gatgcgatcc	60
gagcagactg	gctcttgggt	tcgctacgct	gaagcaggct	ttgacttttt	cctcatccgc	120
aatgcccagg	ggcctatcag	aggtctccac	aattattgpc	gtcaccgagc	tttccctggt	180
ggtgtcaagg	ataatggcca	gaacaaigti	ctgtcttgya	agtaccacgg	ctgggtctctat	240
ggatgaatg	gacagcttgc	caaggctcct	ctttaccaag	atcttccctgg	ctttgaccca	300
tccaagaacg	gottgtttcc	tctccacact	catgtcgatg	agaagggttt	tgtctggatt	360
aicatggatg	ccaagactca	acctgagaat	gcattggaag	aaagcaccgc	aacagccgta	420
cagctnttca	anctcgagga	ctcacattga	tcattgtcaag	cagggatnca	gagcttaact	480
ggaaaaatfff	ggcgacaagt	ntagtggcac	aqnaggccgt	tcgagatnaa	gaaaaaggac	540
ttacntgtna	tggntttact	tcccaacggt	tcattgatntt	ttactttaatt	cttttctttg	600
gnaagggggcc	tnataacncc	aagttaagtt	catatc			635

<210> 962

<211> 558

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 962

ctttgttgca	acaacagtaa	taacgacctt	tggtcgtana	aagaaaaatg	atatggccgt	60
tcacatcgaa	tgactccaag	aaggaaaaatg	agaggaaaact	cgaanaagag	gcgaagcggc	120
ggtcctgtctc	atggacagat	acaatanccc	gcctcanatc	agatcctttc	gatgcancac	180
aggcctgggc	gcccgtgggt	ntatttccac	tggcaggoat	ggcagctctt	cagctgtacg	240
caaactacct	tcgtcgcata	cctgggtcag	cgtatatgcg	tcccaacttc	ttccnaaaca	300
gaagtatcta	tggtcgggtt	accagcggtg	gtgatgggga	caacttccat	ctcttccata	360
ctccagytgg	tcgttctttg	ggatgggggt	ggctaangan	aattcccgaa	gtccgcaagg	420
acctaaaaga	cgggaacgac	cggatccgca	ttgctggcgt	cgagcgtccn	gaatgcnccc	480
acttngggaa	gccanccacc	ttattcagct	gaggoactgg	catggctaaa	aaactttctc	540
ctcaaaccac	acgttaaa					558

<210> 963

<211> 511

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(511)

<223> n = A,T,C or G

<400> 963

ctttcgtcat	ccacccaagc	tcgacttcta	tcgacaacca	cagccaacat	gtntttctcaa	60
cctgaacacg	ctactctgct	cattcccggg	cccattgagt	tcgacgatga	tgctctcaag	120
tctatgggcc	actacagtga	gagccacgtc	ggccctggct	tcgtcaacac	cttcggcgag	180
acctctctca	tgaccgcgaa	gctcttccaa	tcgaccgacc	cctccgcccc	accttatatc	240
atttccgggt	cgggtactct	aggatgggat	atcgtcgtcg	ccaaccttgt	tgaggctggg	300
gaggacgccc	ttgttcttag	cactggttac	tttgccgatg	gcttcgccga	ctgcctgcgc	360
gcctacggtg	ccaacgctac	caagatcgac	ggnaggggtg	gtggccnacc	tcactccccg	420
agatcgaaaa	ggcctttccg	agaanaagta	caagatctta	cagttacaca	cgtngacaca	480
taaacaggng	tcctgagtga	ctcaaaaacc	t			511

<210> 964

<211> 668

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 964

aggagagcta	ccctctggag	aactacgtcg	atattgagag	ctatcagttc	ctcgacattg	60
tcaaggagcg	atccaacaac	gatgagcaag	aaatcgacaa	ggccttcaac	gctctacagc	120
atttgggtcg	ggatccatgg	cgtatcccca	tttqttggaq	cqatggaaaq	cacggaggat	180
ttccaaaagc	agctgaaaag	gctggactac	ctatcaaaagc	tccttgggatg	caagctcacc	240
ctctatcccg	agaagncaat	ggcgcgtctc	aactagacga	tcacaaaagt	gtcctatctt	300
tctggaanaa	agccattgcc	ttccgaaaag	agtttcccg	tcttactgtg	tacggagatt	360
acaaggctcat	tcgtcaggat	gactctgata	tttatgcttt	tgtgaaggag	tctcctgcag	420
atggatccaa	ggtttctgtc	gttcttaact	ttactaccga	agacaagacc	tggagtgtct	480
caactttctga	anaagtttgg	gagttactat	tggaaaagga	tgtaaagctt	gttccgatna	540

tgtctctcac	actggaaaag	aaaaaaacag	ctgntctgcc	ccnttttgan	ggacaagttt	600
tttgggccaa	tagagaacat	acctnnaaaa	aggggcccng	tccaaaatgt	taagattana	660
agngtctc						668

<210> 965
 <211> 649
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 965						
ctgagtgcta	caagtgtggt	gagatcggcc	acatrgcccg	taactgcccag	aagtcctctt	60
accgtaacaa	ctacgggtgt	ggtgggtttcc	agcagggcgg	tgccggcaag	acctgctact	120
cttgccggcg	tttcggccac	atgtctcgcg	agtgtgtcaa	cggcatgaag	tgctacaact	180
gtggcgagtc	tggccactac	tcccgtgact	gccccaaagga	gtccgctggt	ggtgagaaga	240
tctgtacaaa	gtgccagcag	cccggacacg	tccagtctca	gtgccccggc	aactaaaatg	300
gtggctcggt	ttctcagtat	aaccactgag	gcgagtagga	cgtggcgact	tggtgatacc	360
cacggacgat	tatttcctta	ttctcttaacg	gcatttttca	caaaaagttca	tttcttcaca	420
cgactttaat	gatcatcacg	gcaagaatgg	cagctcacaa	aaacacaacg	tgcgcaatct	480
tgcacaaaag	ctggcgggcg	ccagccttga	ttggaacata	tcaccattgg	atttcgtcaa	540
ccgactggac	caacgactac	gaccatacat	acgactcaac	tttgaaagaa	aatgggtgacc	600
agtggagaat	gacnaagatc	aaaaagggta	tcttggtggc	ttggtaatg		649

<210> 966
 <211> 641
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(641)
 <223> n = A,T,C or G

<400> 966						
ctccatcacc	gcaacctcac	caettggcct	tcccgcacca	atgtcaaagg	ctctcaacac	60
caacatcaag	cacctcacaa	catctctcat	tcccagtcctg	gagaacatgt	ttcttgagtc	120
taagcattc	atcgagcagc	gcctcgtcag	agaaatcttt	cccgatcttg	tcaagcaaca	180
gttatcgcaa	tgcaccagtt	tggctctgtc	cctcgatgca	gaaggcgact	ctccactgaa	240
cccgtacccc	ggtttgaagg	gttctttctg	cctcagcgat	ccctcgcgat	ctggaaaccc	300
gattactttt	gctcagatg	agtttgagga	attgacagga	tattcgcgaa	ccgaagtctt	360
cgcacacaa	tgtcgatttc	ttcagggccc	ccagactgat	cgggatcgca	tcgccaacat	420
gcgctcagcc	atctggcgta	acgatgaatg	tacagagctg	ctcttgaact	ttagaaaaga	480
cggnacacct	ttctggaanc	tcttaatcct	gtgtcctctt	ctcgacaaaa	ncggnaagac	540
aaagtttttc	atgggggtgt	caaantgatg	tttcatcttc	gatacacgac	acaagacgaa	600
ggtctcaaa	attctctctt	aanggggcta	tgaggggaan	a		641

<210> 967
 <211> 520
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

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<400> 967
ctggaagaat tgcatttggc atcggtcgct ttaccactga ggcagagatt gattacgtcc 60
tcaaggcagt ccaagagcgt gttagtttct tgcgcgatct gagtcccctg tgggagctcg 120
tacaggaggg tatcgacctc nacactatct agtggagcca acattaggct gtccctgtaat 180
gaatacgacg actatcacac ttaccccgac ttctctgact agtgtcaggc acgggatgta 240
tatcaaggac gttaatgaca aaatggccgg ctggagcgag gctcagctgt gcctgtatag 300
catactgtaa tatcagagat acctctttct ttaaattctg gagatnaaaa caggagtgca 360
ttggttcaag gagcttgcaa ttatcggggt atctggccaa aggcnaacaa acaggcgctt 420
ntttcaaagt tcccaagagt taggaatant ctttctatt ggaaacgaat gatcanagca 480
aatcaaaggt atntgtccca caaaatgaga caccacaatt 520

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```

<210> 968
<211> 519
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

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<400> 968
attgccaatg ccgaggaagt cgcattttat ggaggcgccg agactgaaaa gacctttttg 60
aaccgcgagt tcaagtcgct aaagacttgg atggaaggca tctacatgct caagatccgt 120
tacaatattc tggaagattt catctcctcaa tacagctgga gtgcttacgg ctacttgctg 180
gcctcgctac ctgtcttctt accggcctgg ggtggtgtcg gaggcggggc tgaaatgatt 240
ganaatgctg tacggggagg acgggaacgt aatcgtatga aggagtttat cacaaacaaa 300
agacttatgc ttctactcgc agatgcagggt ggtcgcatga tgtactcaat caaggatttg 360
tcagaactgg caggatatac cagccgcgtc tacaccctca tctcgacatt acaccgggta 420
aacgccgatg cttaccaggt tcganctgga caganccgaac tatattctct gtccgatgtt 480
tcaggaacta ttcanaaggg attcgatggc gttcgatctc 519

```

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<210> 969
<211> 745
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

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<400> 969
cctacctggt acctgcccctg ttggtatata actcgagaca cgtttaccaa agcactttctt 60
gtttctctaca tctacaaaac ccccttctcc ctccatgaat tttctacgaa gattcactcc 120
gcttcgatct ttctctcgaa cattttacaac aacacgcgca atcatgtcta agctctacgt 180
tggaaacctg tcttggaaca ccacggacga gactctccgt caaaccttca gcgagttcgg 240
tcaggtcact gactcgatca tcatgaagga ccgtgagact ggccgcgccc gtggtttcgg 300
ttctcgtcacc ttctctctt raggayyany taccgtgct gtcaagccca tgaacgagca 360
ggagcttgac ggtcgtcgca tccgagtcac cgtcgccaac gcccgcccct ccggcggtta 420
cggcggtttc ggtggtggtc gtggtggtgg ttacggcggt ggccgtggcg gttacggcg 480
cgggtgaccg agctacgggt gtggtgaccg cagctacggc ggtgacggag gtggttacta 540
agagacttga cttggttga cttgacttct tgaactggac ttccgcacat ccaqatgtgg 600
gttgacttct atcgctcccc ctaaacgaaq aaaataatga actgatgggt gtggccgctg 660
aaaacacggt cctcgagat tgaacgatga aagggaactat tcaaaagata cataaggacag 720
tgaaacgctc ttcttttttt ctcan 745

```

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<210> 970
<211> 213
<212> DNA

```


<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(213)

<223> n = A,T,C or G

<400> 970

agtcagtgcg	agcagcctgg	tgcatgtttt	cctcgaaggg	cgggtcttgg	ctattgagac	60
aacagatcag	gttatggacc	tgatgcgcga	gacatgtctc	tcggaacccg	atggctggcg	120
acaggttgaa	cactcagtta	cnactacgga	gaagaagtac	atacgggaga	ttcatgacca	180
gttgacacc	tggcgatata	ngtatgaaaa	gaa			213

<210> 971

<211> 657

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 971

ggtttggcgc	catgcaaatc	gtatctaaca	atgcctccat	gactcctgag	caaatcatcg	60
agggcgcgaa	gccaggccaa	acctttgggt	ggcaactcta	tgttcagaat	caacgagaca	120
agagtgaggc	tatgcttaaa	cgtatcaact	ccatgcgaga	ctattacaag	tttatttgct	180
tgacgctgga	cgcgcctgtt	ccaggaaagc	gtgaattaga	tgagaagcaa	aatttcgact	240
actctgagcc	aagtcttgcc	agtggcgaga	gcaagcccg	cgtggaggt	gttggtcagc	300
agctattctt	tggtactgct	gctgacttga	cgtggaagac	gacccttcca	tggttgccgg	360
ctcataccga	cttgccatcg	tactgaagg	tcttcaaacc	catgaagatg	ctaacctagc	420
ggccaaagta	ttgtctccaa	ggtaaaggcc	atcatcctgt	ccaacctatg	ggggcgcgct	480
tgccgacaca	agttctctca	nccattgcat	acattgggtc	gagaatccgc	aaggactggc	540
ccgaagtctg	agcaagggtc	aaatatggat	ggacggaggc	ttaaagcgan	gaacanacgt	600
tgtaaaagcg	ttgtgccttg	gcncaaccgg	cgntggtatt	ggacgtctgc	gcttttcc	657

<210> 972

<211> 619

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 972

aggaaagctg	cactgggctg	acaaccacaa	atategcato	cacgtctact	gccacggcaa	60
caagacccag	tcgaagggca	acgagctccc	tcacgtctta	ttcgaggccg	gtgagcgaac	120
tgtagaatac	gaattctgga	atctttggcg	caatgcctgt	aagaatggat	ccatctcgcg	180
atactgtttt	gctgacccgc	ctggctacgg	ctggtcagac	aacgcgccct	cccttctcat	240
ajcgggcttc	gtggctcgata	ctcttagcga	ggctctggct	gatgctgggg	agagtggacc	300
atgggttctt	gccagtaccg	gtattggatc	gactctactc	agagtctttt	cagcacgaca	360
tgtagaccat	atcaaaggct	tactctctat	cgacctctta	catgaggatc	tacttgatga	420
tgtagcatca	cggggagctg	gatttatctt	ttgggtctgg	ggggtattct	tcactcggat	480
ggaccgaatc	ctggggcatc	ttcgcggaac	acaagcccg	accgagttat	ggacgatcag	540
acancagacg	gnaaattatc	tttgccaact	tgaggaaaa	ctgtggtggt	ctttacttga	600
cngaccgcna	caaccgcaa					619

<210> 973

<211> 569
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(569)
 <223> n = A,T,C or G

<400> 973
 aaacagaatc taacatccaa acgaaccgcc aaaatgtccg acgacgaggg tatttcaatc 60
 tacgatgagg tcgagatcga ggacatgacc tttgacgagg ccattgggagt ttaccagttc 120
 ccttgccctt gtggcgacaa gtttcagatc accttagagg acttgctaga tgagcaggac 180
 atcgctgtct gtcccagctg cagtctcatg atccgagtta tctttgacct ggacgatcta 240
 ccaaaagctc ccaattcagg cgcctcaggg gggcagggtc ccattactac ctgaatcaac 300
 cgnaaattac gatagaaaaa taatacaaat tgcagctgcc atgtgagaag aaatgggtaca 360
 gcaaaccttg gctgcgcgcg gactacgaca atcgtatcag ttccctcaagc cattcggnga 420
 aacctggcac gaagcgacac gacaagaaat atcggacttt nattttngta cgcctcncac 480
 ctgcttgaac aaanaaattt cttnttcatt ggacnggaag aaccncana atgcnttgat 540
 cctggcgagg tatgntgatt antctcggg 569

<210> 974
 <211> 799
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 974
 cctgacagcg atgtggttca gcctctcact cgcaagacct ttgagcaact tcttcagaca 60
 atgcgcaaca tgagtgtcta cggaaagact atcttgtctc ctggtgctgc ccgtgggtctc 120
 ggaaactaca tggctgcgcg ctgtgctgag gctggtgcca agaacatcgt cctctttgac 180
 gccaaaccagg agctcgggtga tcaagctgct gctgagcttc atgacaagac gggcctccct 240
 gtctcattct tcaaggtcga cgtccgtgac ggtgcttgcc atcaacgctg ctgtcgatga 300
 ggttggttgag cactatggtg ctctgatgt tcttgtaaac tcagccggta ttgccgatc 360
 aaacattaag gctgagacat acgacccgc catgttccgt cgtctcatc acatcaacct 420
 taagggatct tctctcatgt ctcaagctgt cggccgtgcc atgatggccg ctggaaagcc 480
 tggcagcatc attttggttg cctctatgtc tggctccgtg gcaactttcc cttcaggagc 540
 atgactttgt caaacgctt caangcgggt gtcacccaac tcggcnaagt cccttcgctt 600
 gctgagtggg gccaaagtag acattcgaag tcaaaactgca tctctcctgg ataatggga 660
 cactgccttc aacgagtgct cccgctcttg acgcacagaa caaagatctg gaagtctctg 720
 actcccaga aacgctcgg gtaacgttga naaagcncaa cgggtctctg catcttcctt 780
 gcctccgact cttccaaat 799

<210> 975
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 975
 ggaagacaag gtcttaagat caagcacatt caggacgctt ctggagtctg catgggttget 60
 cagaaagaga tgcctcctca atctaccgag agaatagtcg aggttcaggg tactcctgaa 120

ggcatccagc	gtgctatctg	ggagatctgc	aaatgcttgg	tcgacgactg	gcagcgaggc	180
actggcactg	ttctctacaa	cccgtttgtt	cgcactcagc	cttccaacag	tggtaacacc	240
agtgggtggag	caggggttcaa	ccagggctct	ggcaggagcg	attatggtgg	tagccctcgt	300
gtcatgcgaa	caggcaacgg	tgccgacttc	agcaacggta	gctcaaggcc	ctataaccgc	360
cgttccgact	ctgacgcagc	tcttcgagggc	ccacccactc	acgacgagaa	tggcgaggag	420
atccaaactc	agaacatcag	tattccccc	aacatgggtg	ggtgcatcat	cggacgtgct	480
ggnagcaaga	atagcgagat	ncggagaaat	naagcgcacg	catttcattg	gcaagnaccc	540
cacgatgaan	atggngagcg	ttgttcacca	ttatnggtac	cggttangcc	accaagtcgn	600
acnttttctt	ttgntanaa	actaaaaggn	g			631

<210> 976

<211> 662

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 976

catgcagta	ttcnagaact	ccacgttgcg	aacctcaaac	gccgtcacat	cacgtcacct	60
acgctttcca	cttgctcgcg	cgcattaaac	ttgtataaaa	aatgtctgat	atcgaaaccg	120
tctcttcctt	tgtagaggga	gtctctccag	gagagctcgc	cgacgttata	gcagatatca	180
aatcgctgac	actcgactcc	aaccccgata	tcgtcaataa	cctcgcgccc	gccttcgaga	240
agtacaatga	ggagcaattt	gttacggtga	agctgcctgg	tagcagccaa	ccagttatta	300
ttagctctta	caactctctc	ggagacggcc	gatacttcga	tggtgagacc	tcgtccagct	360
tcgccttcga	ccatactaag	cagaaaagcca	gtgctgtcca	gagccacgta	ttggaaggag	420
ctcaagcgga	ccttgctcaag	tcctactctca	agancatcgg	tccttacgtt	gaaaagcact	480
ttggcaacgc	tgcgcatggc	gtctacccaa	tcgagtcgga	ctccaagant	gccatcgtta	540
ttgtcggnaa	caaatacagc	ccttacnaact	tctggaaacgg	acgcgggtgg	atcgctttac	600
atctggcctt	attngggcct	gagggttttta	ggttacggct	nttcaggggc	ggaatttgnt	660
nt						662

<210> 977

<211> 596

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 977

aaccaaaca	aggcaaagaa	cgacaagaaa	gatagctcga	cttctttttt	cttccaacaa	60
ggacaaggac	gaaagacaaa	aaaaagacca	cttttggttt	attaatcgag	ttacttactg	120
tacacaccca	tatatcacat	accccgccaa	tcttttccact	atggcagatg	tcccgtctgt	180
tggtcttttt	gaattcgccc	agtcggagcg	tcgaaatcct	cctctgtggt	ccatctcccc	240
gctcaagaca	aagcttgaga	ctgtcacggg	tggttcaccc	ggttgtcaga	gaattttcgt	300
gaagcctaca	gcccggcgag	acgctatcgc	catttgaggcg	cctaaccagg	atgacaccca	360
cctgtccaac	tttccctctg	cccatatgca	gaacttcgat	taattgacac	acgggctccg	420
gcctccgtat	caaactgaac	gatacccgcg	gcgttgacaa	agtatgtcat	gcccaggagg	480
gagtcgagaa	aaagtccgac	tcggtacttg	cctgggnagaa	gtcgnaaaaa	ctgggcccgtt	540
tngaccccca	tgcctccagc	caagagcaag	gccaagctca	acgctttctg	anaaga	596

<210> 978

<211> 809

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 978

tgtctgtctc	ctcaactcgc	cacatgtacc	acatgaacag	acttcgatac	ggcgaaaact	60
tggtcgaaaag	ttcaatcata	tcttggtctg	acatgtactt	ccatttgccg	ccgcctttgg	120
ccttgagctt	ggcaacatca	cgcccaacaa	atgcagccat	tcctctctga	acgcccagat	180
cgccgagcga	aaagacgtcc	atccttttga	gggcgaagca	ggcaaacatt	tcaacggacc	240
atthttccaag	acccctaacc	gcgatcagct	tttccatgac	ttcctcgtcc	gaggcatcat	300
gaagcatctg	ggcgctcagt	tctccactgc	caaacctctc	cgcgagccct	ttgatatact	360
cggttttgcg	ttgcgatagt	cccgctgtcc	gaagctcctc	aatggttttg	gtagccactt	420
gagatggatg	cyggaatcgt	gaacccaggtt	ggagctcaaa	tagcgtgagg	aacttccctt	480
tattgacttt	gocgctgccc	cgataacttg	tgncacaata	ttgaactcga	aagactctca	540
aatgggtcaa	tattctctgc	tagacctnt	ggcgaaaacg	ctctacagtg	gtgattctca	600
attaggggtt	tatgcgagca	tnaactttga	tcagataatc	gcctgcctnt	ttcacaataa	660
tcggggtcgg	tttgattgag	gtgcttgctt	ggcgaaatgg	ttcnagattt	gcgaagggga	720
cagntcgcac	tntttggcna	aggaggccga	tttgtaacnt	ggggttgcaa	gtcggcaacc	780
cccgaacttac	aagggtttttg	gtcgaactg				809

<210> 979

<211> 622

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 979

gctgcttttg	tctgtgcgga	ccgtatcctt	cgtgatatac	cctcagccct	ttgtcacagg	60
tcatactctt	ttgccttgat	agagttgctc	tctctcatgt	ggctctagctg	tctggaagca	120
gagacagatg	tttacgctcc	ccgatcaaca	tttacatcaa	aactcggtgg	cgtgactgtg	180
gagctttcan	acgactacga	cttccgaaga	tggacggtag	acattctcaa	ccgcaaggcg	240
agggcatggg	tcaatgcgcg	catcaacatt	tctcctctcg	atgttaaggg	gattttgcag	300
aactatctct	ctgaattcag	cgacgaggga	gcctatggtc	atgtttctct	gggaaggctc	360
ttcgccctcg	aactcggatc	aactattcct	tcaacggaca	atcgccctga	atctatggat	420
aaaatcggtg	actcgggctg	caacacagca	tntggttttg	tcgccantat	acaactccca	480
agantatcgg	tatggngaga	cactttcaga	ccgnggcaca	aaacttatga	gcttcatgaa	540
tcacaatcgc	gcctgtnatt	tgcnccantca	tccggaaaaa	aaaggctagg	gcnctactg	600
ctttggetca	cattgnggct	aa				622

<210> 980

<211> 540

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(540)

<223> n = A,T,C or G

<400> 980

nttttcagcc	gccgagcagc	gcactcttga	gcancgcatg	caaaagcgcc	aggtcaagga	60
gtttatgggt	gctttcgccg	gtcttgctga	gcactgcttc	atgtcctgcg	tcgatgactt	120
caactccaaag	gctatattca	accgggaaaq	cggctgcctc	aaccgttgcg	tccagaagtg	180
gatggcctct	cagcagcgca	tcagcgaccg	nttccaggag	cacaacgccc	agctcacagc	240

tcagatgaac	aaataagcgc	gacaaaactcg	gaatcgcggc	gtgtacgaat	aggaagaaga	300
atataccaac	ataaaaactcc	gcacgagatc	tactcttatg	gtgtcagatg	tatactggaa	360
ggccgtctcc	catgataccg	ganggggatg	aaacgacnac	gatgatatcg	ggcgccgcan	420
gttttctgta	ncgccaaatt	gtcttctaca	ttataanggg	gtatanacat	gaacnggtgg	480
gcttggtatct	agctnctnca	tgaaangaaa	atatgaccen	ttntttcttc	aaaaaaaaaa	540

<210> 981
 <211> 263
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 981	
caactcatgg	accgaatggc
catgaccatg	ggtaggtcgtg
tgtctgagga	gcttcacttc
cccactgtna	caacaggtgc
tagcgatgac	ttcaagaagg
ttccccatat	ggcaanaaac
atggcgactc	aatgggggat
gtntganaag	gtgggcccctg
tncactttga	naacaacccc
aaaccgatgc	aaaatccctt
tgccgagtc	acagcccatc
anatcgacct	gnaggtttct
ctaattgngg	aggaggccta
caa	

<210> 982
 <211> 656
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 982	
ccaaaccacc	gggcctttcc
aactgacaag	aacaaaaaat
cactataatc	cgccatttcg
accagccaga	gaacacgata
taccgctaaa	atggccgtcg
atccctttga	ttcagttttc
gacctttctgc	gccgcctcaa
tcccgaagcag	acgaccgacc
atcttaacgt	tatcatcttt
atcgggtctg	gatctaaccg
aagatcttct	tttatccgtg
gaccagcccc	ttaccgtgcg
ccgttgtaag	cagaccggcc
gagactacct	cctttgcgat
tataaccgcg	atgggtgacag
ctaccgctca	ccgtgggtcca
accagtctga	tccacctctg
gatgaaggcc	ggatctggag
gtgtaggtgc	tgggcggaat
gaggggtgcg	gcgaagggtg
gaattccgag	tgagcgtggt
cjcaagatgg	aagtcgaagg
gaacgaaggt	ttttgacgtt
tatcgcgatt	tattattacg
aaagncggcg	tgagcagtg
ctaatttctg	gaatctcgac
gatgggtttg	cangaagtcg
tgctttctcaa	gaaatTTTTT
cccaaggcgg	caatttctgan
ggcgggttngg	gacttcattc
atgttttctga	nggccttcga
gccgaggacg	aaacacttac
tattagctca	cattcn

<210> 983
 <211> 295
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 983	
nggetngecn	cgcattracta
gacngnaaaa	ctctcactct
taccgaactt	ggccgtaacc
tgccaaccaa	agcgagaaca
aaacatnaca	tcaaangaat
cnaccgattg	ttangtaate
gccccnncac	aaagagctnc
tcgntgtata	ccgnaggcat
gntactttat	tngtcnggca

anacaacgcc cattgtntnt gtggcggggc tgatatttgg gagcaaaaac acttatgggt	240
tgnnagctta aaccnctac acggctntnt gttcttctta tnaaaaagct tcccc	295

<210> 984
 <211> 531
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 984		
cagaacggaa cgcagcaagg atagcaagg cagcctcgaa cttctcaaca gccgcagccq	60	
cagcctcagc aaggccagggt gcaaaaaact gctgctcgc tccatgctcc cctcgaagca	120	
cggataccac gatactgttt tgcctgaggac aagtattgggt tcgtgacga agccgtgctc	180	
gaagatggtc gacaatggga gctttctcgt tactacgagg acttttacga tttccagatt	240	
gccctactca ccgagttccc ggccgagggt ggcaatacgg ggacacagaa gcgcactctg	300	
ncatacatgc ctggctccgg caactatgtg acagatgcga ttactgaggg acgattgccca	360	
actttggacg cctacgtcaa agaactgct naaccanccc ccttacattt naagatgtac	420	
tttgggtgcga caattttttg caccocgcga aggagactnc nagatcgacc caacggtacc	480	
gaaattgata tcgctgnttg aagggttcca actntatntt tggaatctcc g	531	

<210> 985
 <211> 601
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 985		
ctgtcttgaa tcgcanattt aagcagtcac tcatccaagt ttcaataact gaacactcgt	60	
ggcatatcct tgatcttttag taagatggcc gagaaaaag attttctgccc tcattacagg	120	
atgttcgccc ggaggcattg gacattctct cgccaaagag ttttaaccgcc aaggctgtca	180	
tgctcattgag acggtgcgaa acaccgacat gatcaaggat cttgagggcc ctggcatgag	240	
ctgcttccct ctcgaaagtca cagaccccaa gagcattgaa gcatgcaaag aacagggttg	300	
tgaattgacc ggaggctcgt ttgatatacct tgtcaataat gctggctcgaa ctcataccat	360	
ccccgctctg gacatggacc ttgacgatgt tcgcgccaca tacnaaatca atgtcttcgg	420	
ccccatgttc ctgggtcaaat ttttgggcct ctgctcctcg aancacgttg gtctcatcat	480	
ccaaacanttt ccagcacatc aaccttggtta cctacatctt tggggccatc tactctctct	540	
ccaaanggggc ccttcaacnt ntggctctcca aacgcctcna ctccaactga aacctttcaa	600	
c	601	

<210> 986
 <211> 571
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

<400> 986		
gaaaactttc aattgagctt ctgtgtaacc tcaacctact gtttcgggac aatgctttct	60	
cacaatgtcc tttctgttgg caagctgagc catcgtctgtg tctttatcaa aggctatttg	120	